

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081047.D
 Acq On : 18 Aug 2015 17:36
 Operator : UM/IZ
 Sample : PB85031BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 19 00:38:36 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	53446	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	227081	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	107333	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	220114	20.00	ng	-0.02
75) Chrysene-d12	13.74	240	185923	20.00	ng	-0.01
86) Perylene-d12	15.07	264	169156	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	410260	115.46	ng	0.00
7) Phenol-d6	6.26	99	561879	121.19	ng	0.00
23) Nitrobenzene-d5	7.18	82	329848	66.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.43	330	113740	122.25	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	552901	67.50	ng	-0.02
78) Terphenyl-d14	12.70	244	634385	73.15	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.08	88	50895	30.40	ng	# 93
3) Pyridine	2.71	79	163048	34.50	ng	83
4) n-Nitrosodimethylamine	2.66	42	93813	35.65	ng	# 78
6) Aniline	6.26	93	187276	27.78	ng	# 52
8) 2-Chlorophenol	6.39	128	149206	38.36	ng	95
9) Benzaldehyde	6.15	77	92194	30.85	ng	91
10) Phenol	6.27	94	249756	45.61	ng	82
11) bis(2-Chloroethyl)ether	6.35	93	167188	39.79	ng	93
12) 1,3-Dichlorobenzene	6.55	146	159425	38.15	ng	97
13) 1,4-Dichlorobenzene	6.63	146	160332	38.74	ng	98
14) 1,2-Dichlorobenzene	6.78	146	142808	36.87	ng	98
15) Benzyl Alcohol	6.76	79	159961	42.64	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.90	45	311986	37.79	ng	98
17) 2-Methylphenol	6.88	107	126882	38.02	ng	97
18) Hexachloroethane	7.12	117	61404	36.72	ng	97
19) n-Nitroso-di-n-propylamine	7.04	70	127967	39.85	ng	91
20) 3+4-Methylphenols	7.04	107	167425	39.53	ng	# 50
22) Acetophenone	7.03	105	223078	37.42	ng	91
24) Nitrobenzene	7.20	77	200279	38.53	ng	99
25) Isophorone	7.44	82	331185	35.73	ng	98
26) 2-Nitrophenol	7.52	139	85019	39.33	ng	# 64
27) 2,4-Dimethylphenol	7.56	122	142882	37.37	ng	95
28) bis(2-Chloroethoxy)methane	7.66	93	196511	35.88	ng	99
29) 2,4-Dichlorophenol	7.76	162	129322	40.17	ng	91
30) 1,2,4-Trichlorobenzene	7.84	180	125754	35.15	ng	98
31) Naphthalene	7.92	128	478205	37.78	ng	99
32) Benzoic acid	7.70	122	105522	49.06	ng	94
33) 4-Chloroaniline	7.98	127	95606	17.90	ng	# 83
34) Hexachlorobutadiene	8.04	225	74860	37.00	ng	97
35) Caprolactam	8.34	113	33763	30.01	ng	93
36) 4-Chloro-3-methylphenol	8.47	107	171030	44.58	ng	92
37) 2-Methylnaphthalene	8.60	142	293854	36.75	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	128058	36.98	ng	98
40) Hexachlorocyclopentadiene	8.76	237	149471	83.39	ng	100

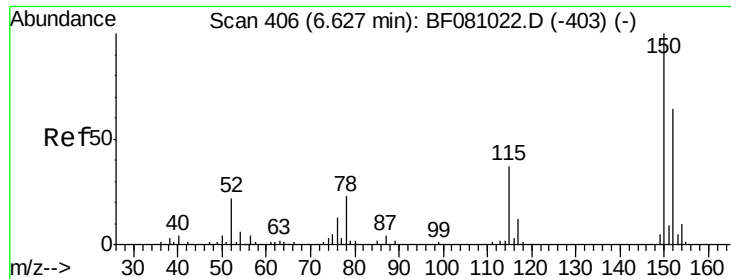
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	95161	38.90	nq	96
43) 2,4,5-Trichlorophenol	8.92	196	89859	36.75	nq	# 85
45) 1,1'-Biphenyl	9.07	154	393108	41.58	nq	97
46) 2-Chloronaphthalene	9.10	162	270455	35.61	nq	97
47) 2-Nitroaniline	9.19	65	105545	33.96	nq	99
48) Acenaphthylene	9.50	152	457445	33.67	nq	98
49) Dimethylphthalate	9.38	163	340918	38.57	nq	100
50) 2,6-Dinitrotoluene	9.44	165	79428	41.85	nq	89
51) Acenaphthene	9.68	154	285915	35.15	nq	99
52) 3-Nitroaniline	9.60	138	56954	23.98	nq	98
53) 2,4-Dinitrophenol	9.71	184	102736	93.31	nq	# 66
54) Dibenzofuran	9.85	168	431307	39.57	nq	98
55) 4-Nitrophenol	9.78	139	153708	92.15	nq	# 61
56) 2,4-Dinitrotoluene	9.84	165	102242	40.65	nq	# 80
57) Fluorene	10.18	166	288827	34.45	nq	97
58) 2,3,4,6-Tetrachlorophenol	9.92	232	77664	41.04	nq	97
59) Diethylphthalate	10.08	149	382285	40.86	nq	97
60) 4-Chlorophenyl-phenylether	10.18	204	140437	39.58	nq	99
61) 4-Nitroaniline	10.22	138	92748	38.21	nq	93
62) Azobenzene	10.34	77	446740	41.44	nq	97
64) 4,6-Dinitro-2-methylphenol	10.24	198	54344	41.34	nq	93
65) n-Nitrosodiphenylamine	10.31	169	319897	40.71	nq	98
66) 4-Bromophenyl-phenylether	10.67	248	85942	39.74	nq	98
67) Hexachlorobenzene	10.73	284	91529	41.80	nq	96
68) Atrazine	10.83	200	93795	42.85	nq	97
69) Pentachlorophenol	10.92	266	110481	84.08	nq	100
70) Phenanthrene	11.14	178	483816	37.09	nq	99
71) Anthracene	11.19	178	503809	39.69	nq	99
72) Carbazole	11.35	167	539406	44.13	nq	99
73) Di-n-butylphthalate	11.69	149	635704	42.99	nq	98
74) Fluoranthene	12.31	202	568218	40.37	nq	93
76) Benzidine	12.45	184	319721	45.52	nq	99
77) Pyrene	12.54	202	525829	34.79	nq	99
79) Butylbenzylphthalate	13.18	149	304138	46.81	nq	# 79
80) Benzo(a)anthracene	13.73	228	511322	41.01	nq	99
81) 3,3'-Dichlorobenzidine	13.69	252	98966	24.50	nq	99
82) Chrysene	13.76	228	461054	41.03	nq	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	396808	47.68	nq	# 97
84) Di-n-octyl phthalate	14.34	149	704516	55.70	nq	98
85) Indeno(1,2,3-cd)pyrene	16.30	276	392490	49.75	nq	# 94
87) Benzo(b)fluoranthene	14.74	252	847228	70.81	nq	# 95
88) Benzo(k)fluoranthene	14.74	252	847228	75.99	nq	99
89) Benzo(a)pyrene	15.03	252	422083	40.49	nq	97
90) Dibenzo(a,h)anthracene	16.32	278	327811	40.35	nq	97
91) Benzo(g,h,i)perylene	16.66	276	313302	38.01	nq	# 88

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

ClientSampleId :

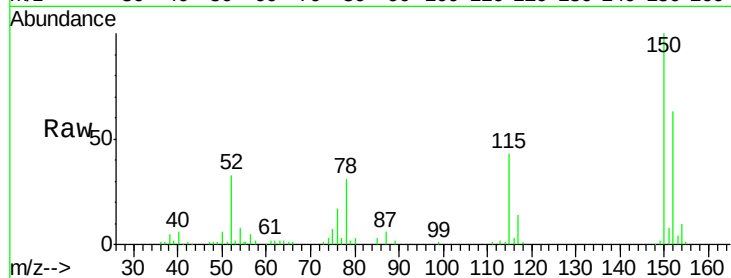
Tot Ion:152 Resp: 53446

Ion Ratio Lower Upper

152 100

150 159.4 123.8 185.6

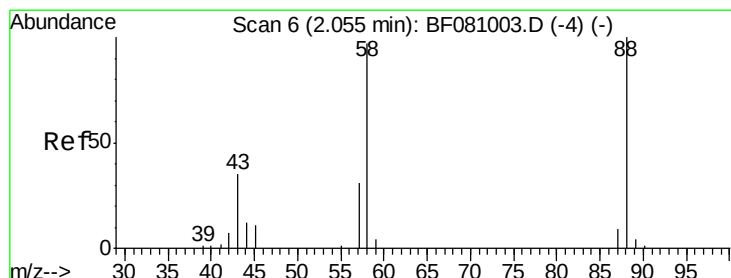
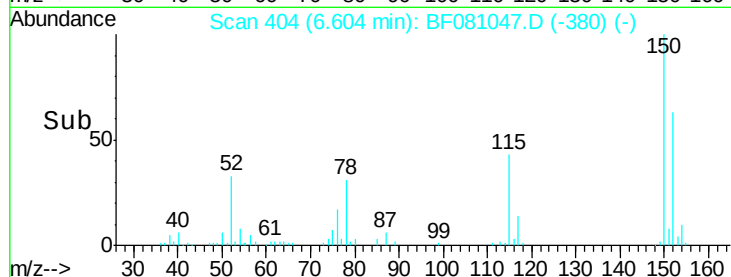
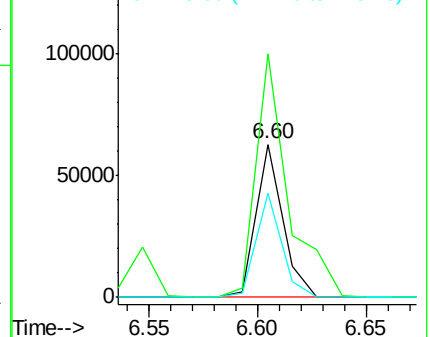
115 68.3 52.1 78.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.40 ng

RT: 2.08 min Scan# 8

Delta R.T. 0.02 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

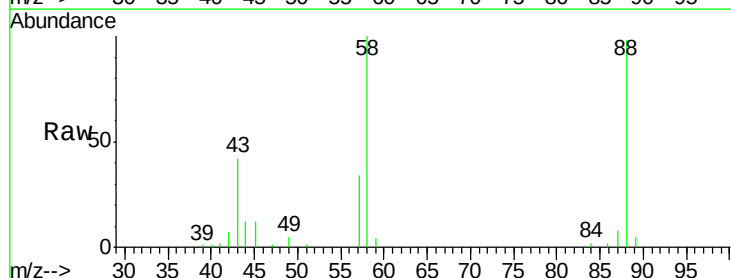
Tgt Ion: 88 Resp: 50895

Ion Ratio Lower Upper

88 100

58 102.3 83.7 125.5

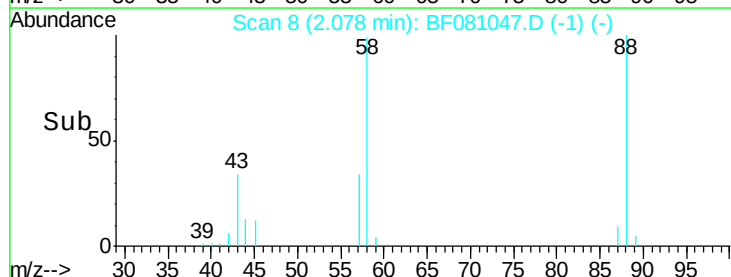
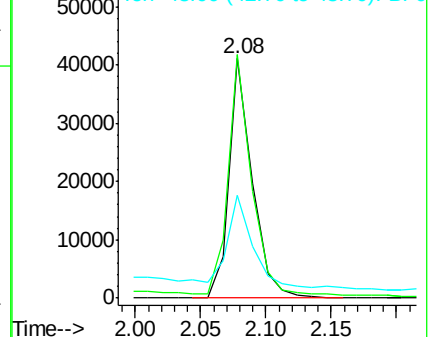
43 57.8 37.5 56.3#

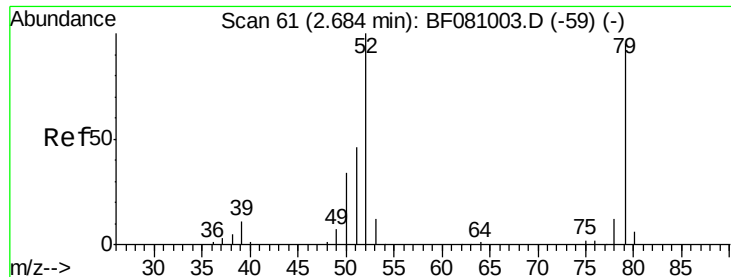


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 34.50 ng

RT: 2.71 min Scan# 63

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

ClientSampleId :

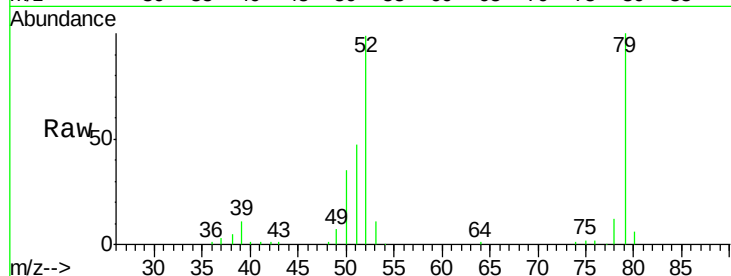
Tot Ion: 79 Resp: 163048

Ion Ratio Lower Upper

79 100

52 99.2 95.1 142.7

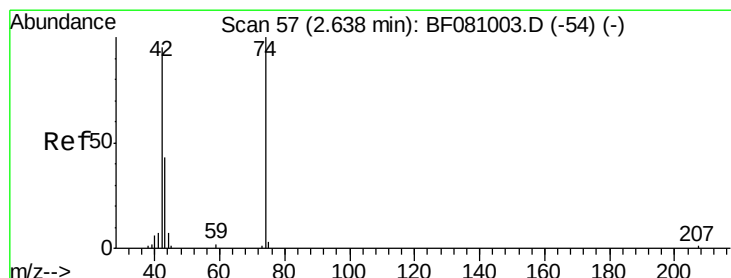
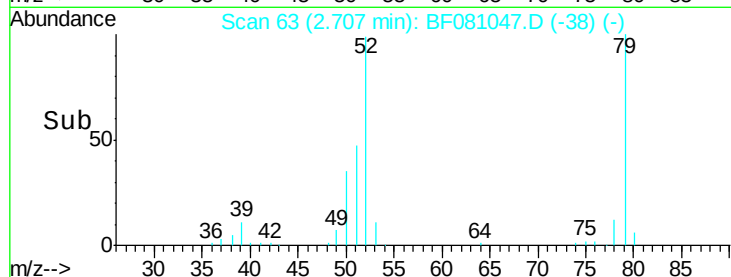
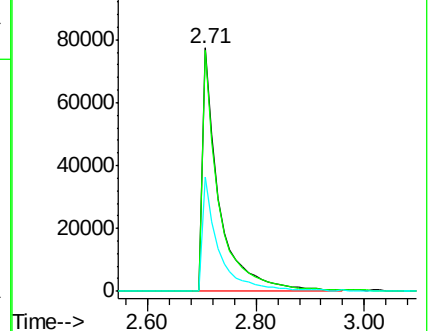
51 47.1 46.6 70.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.65 ng

RT: 2.66 min Scan# 59

Delta R.T. 0.03 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

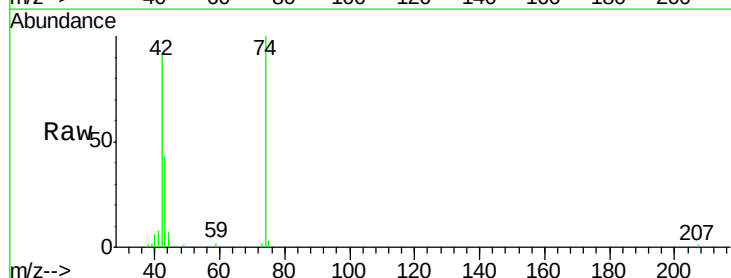
Tgt Ion: 42 Resp: 93813

Ion Ratio Lower Upper

42 100

74 108.2 69.3 103.9#

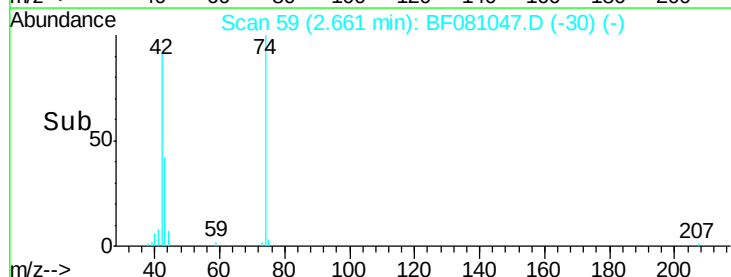
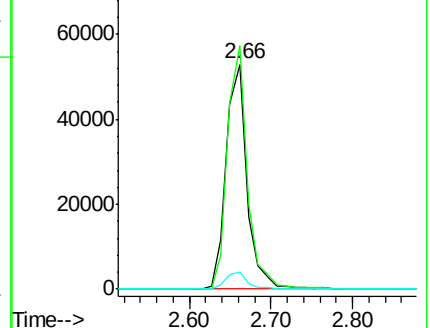
44 7.5 5.5 8.3

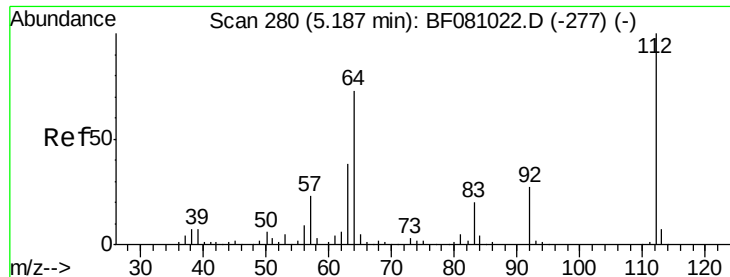


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 115.46 ng

RT: 5.19 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF081047.D

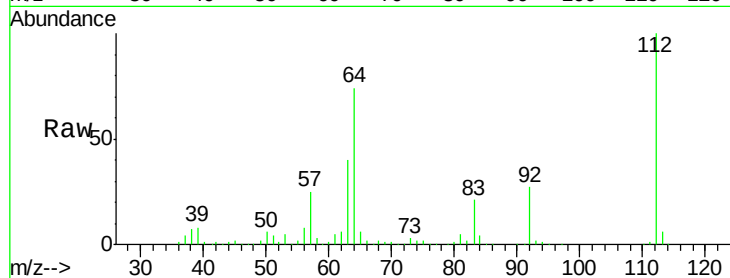
Acq: 18 Aug 2015 17:36

Instrument :

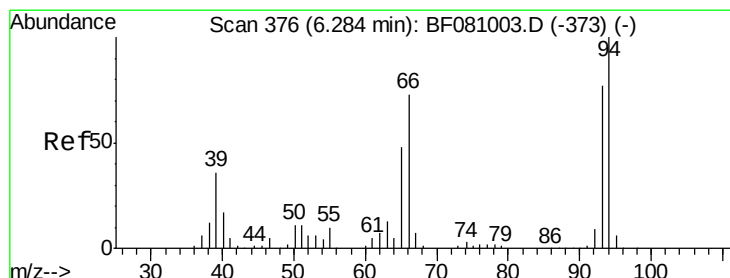
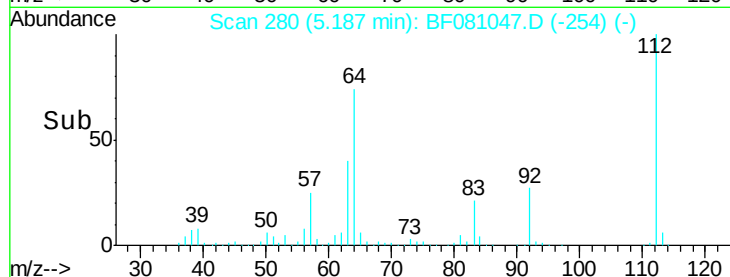
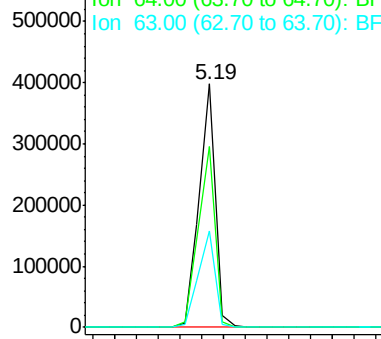
BNA_F

ClientSampled :

Tot Ion:	112	Resp:	410260
Ion	Ratio	Lower	Upper
112	100		
64	74.3	66.9	100.3
63	39.5	38.1	57.1



Abundance Ion 112.00 (111.70 to 112.70): BF081022.D (-277) (-)



#6

Aniline

Concen: 27.78 ng

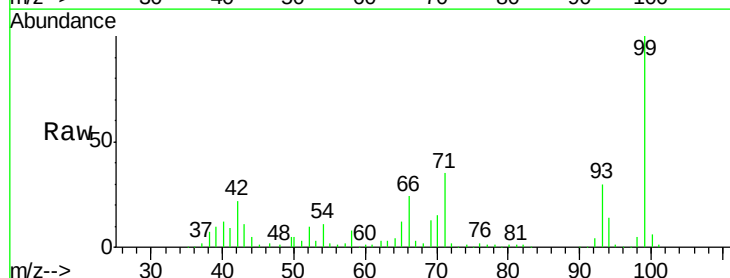
RT: 6.26 min Scan# 374

Delta R.T. -0.02 min

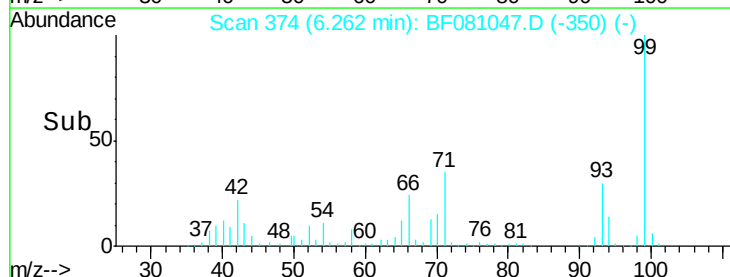
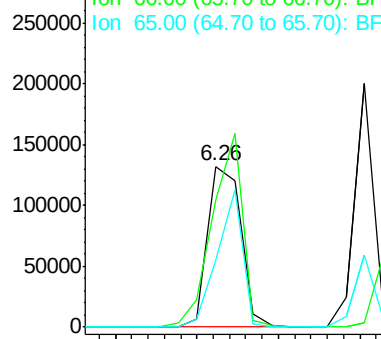
Lab File: BF081047.D

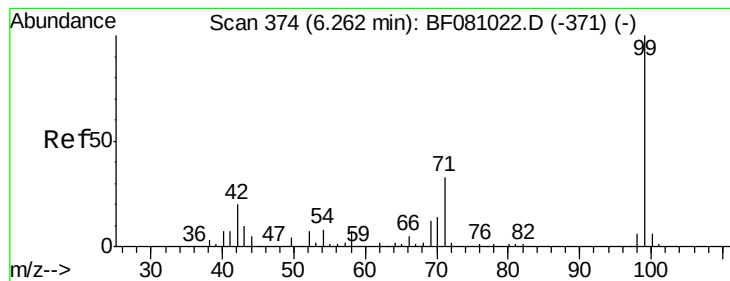
Acq: 18 Aug 2015 17:36

Tgt Ion:	93	Resp:	187276
Ion	Ratio	Lower	Upper
93	100		
66	79.3	35.6	53.4#
65	41.5	18.7	28.1#



Abundance Ion 93.00 (92.70 to 93.70): BF081003.D (-373) (-)





#7

Phenol-d6

Concen: 121.19 ng

RT: 6.26 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

ClientSampled :

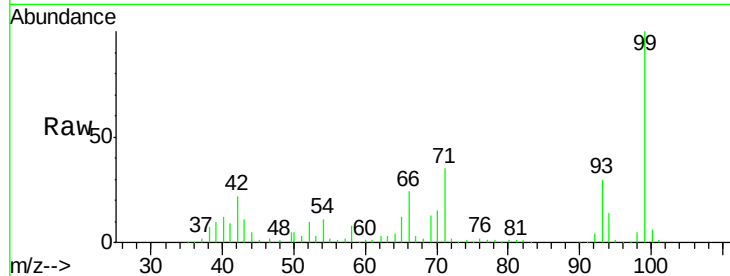
Tot Ion: 99 Resp: 561879

Ion Ratio Lower Upper

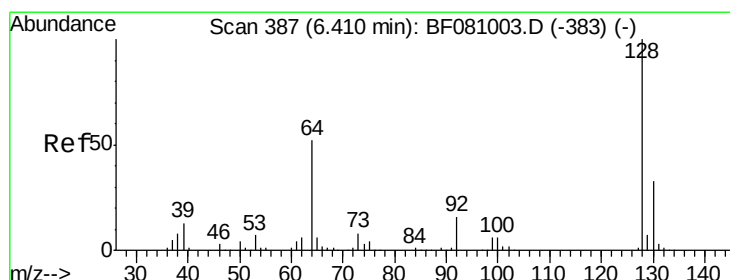
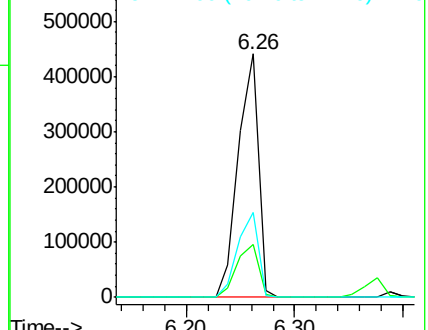
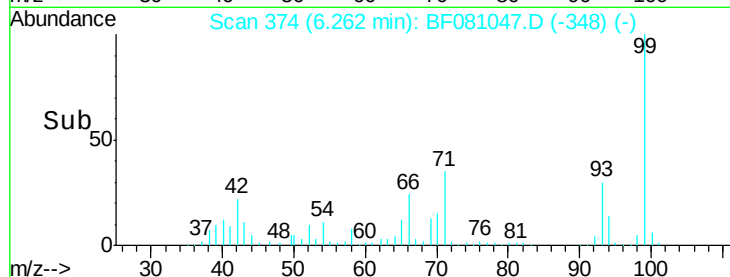
99 100

42 21.8 19.6 29.4

71 34.8 31.2 46.8



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.36 ng

RT: 6.39 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

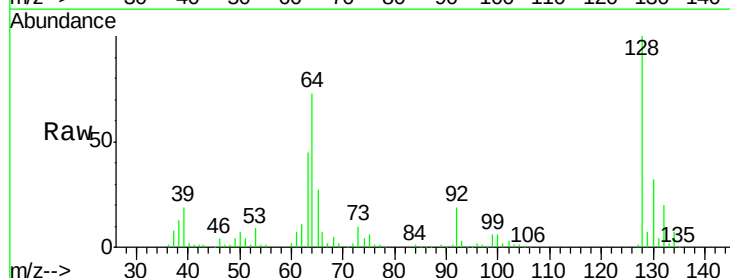
Tgt Ion: 128 Resp: 149206

Ion Ratio Lower Upper

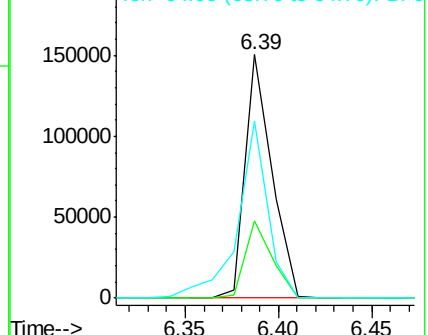
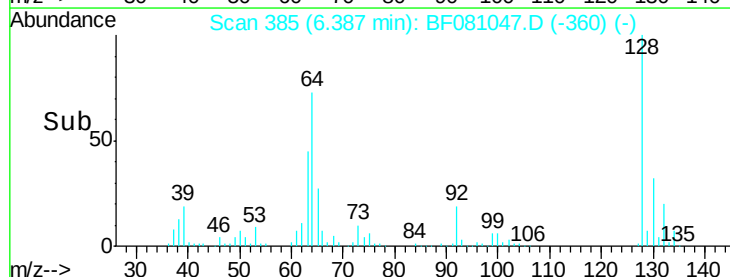
128 100

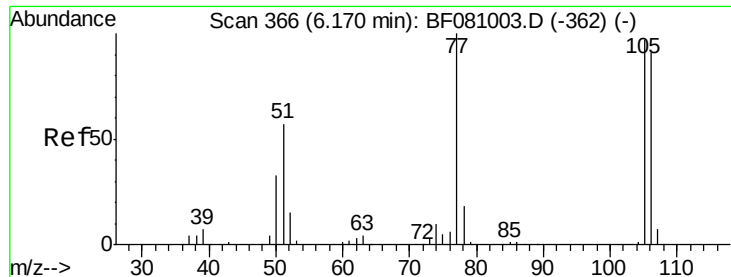
130 31.8 12.5 52.5

64 72.7 46.8 86.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 30.85 ng

RT: 6.15 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

ClientSampleId :

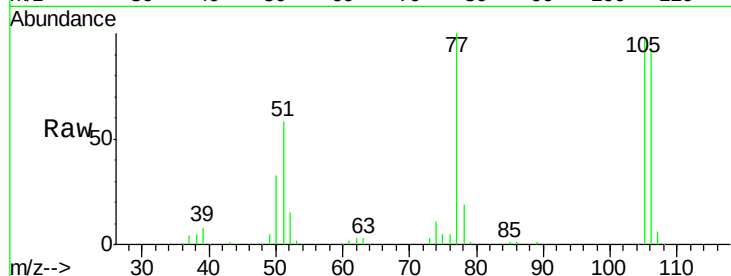
Tot Ion: 77 Resp: 92194

Ion Ratio Lower Upper

77 100

105 98.1 69.6 109.6

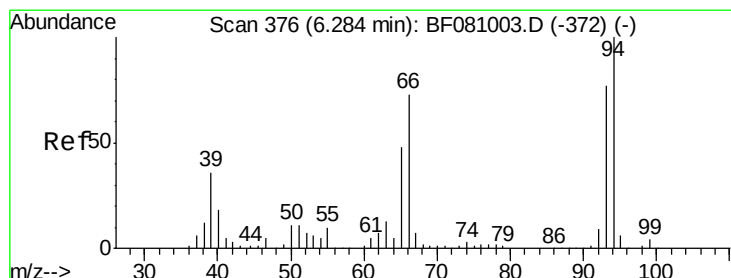
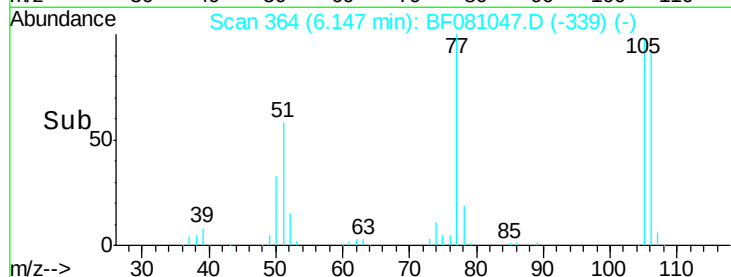
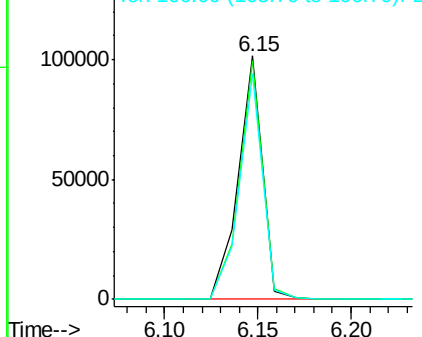
106 92.5 64.0 104.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 45.61 ng

RT: 6.27 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

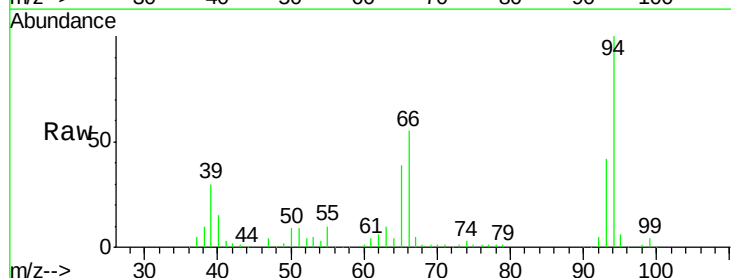
Tgt Ion: 94 Resp: 249756

Ion Ratio Lower Upper

94 100

65 39.1 28.4 68.4

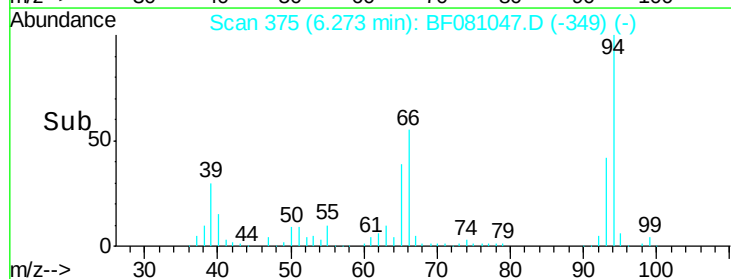
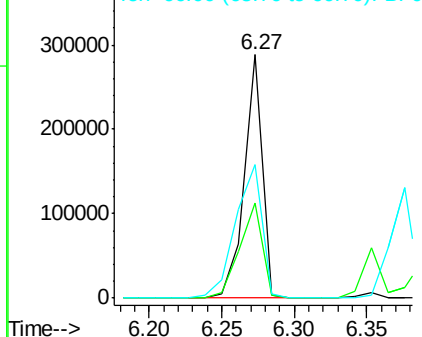
66 55.0 52.3 92.3

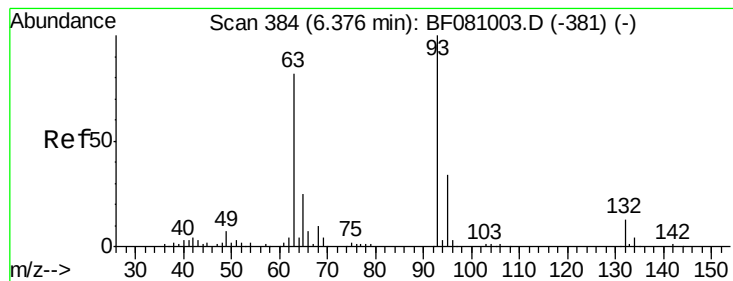


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.79 ng

RT: 6.35 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

ClientSampled :

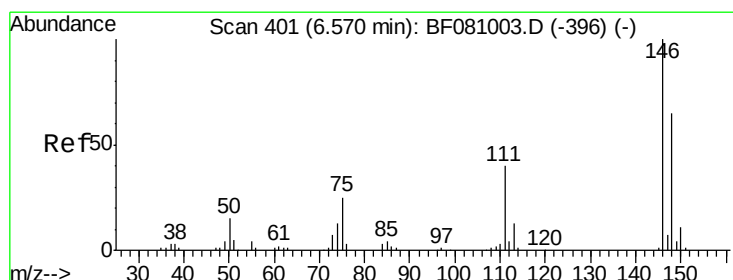
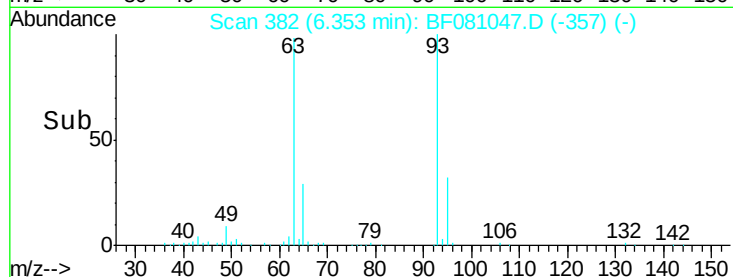
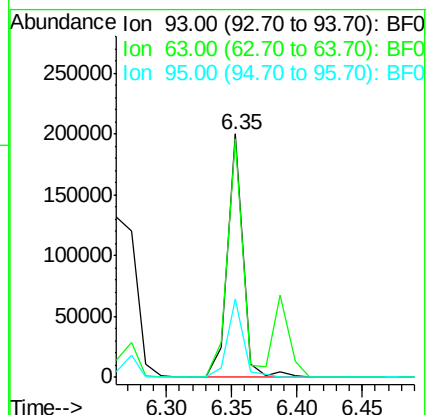
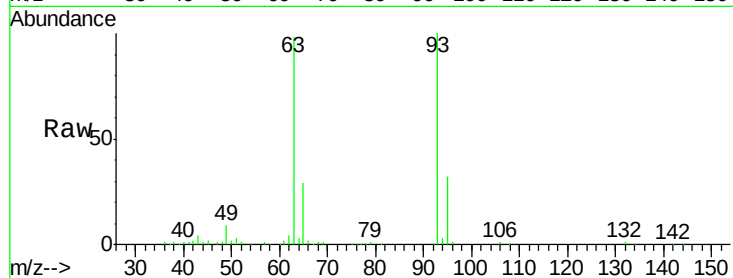
Tot Ion: 93 Resp: 167188

Ion Ratio Lower Upper

93 100

63 98.1 69.6 109.6

95 32.4 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 38.15 ng

RT: 6.55 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

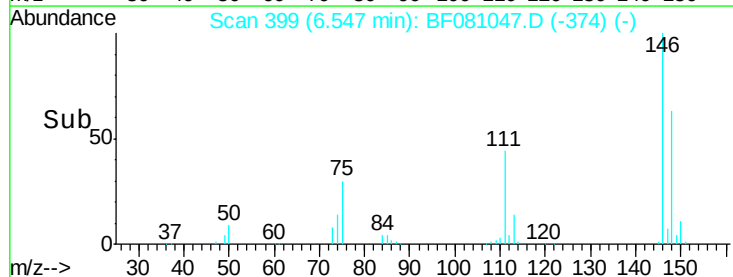
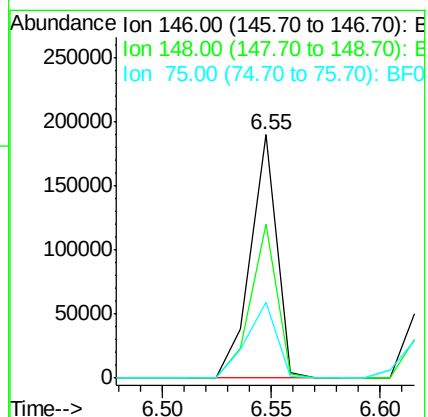
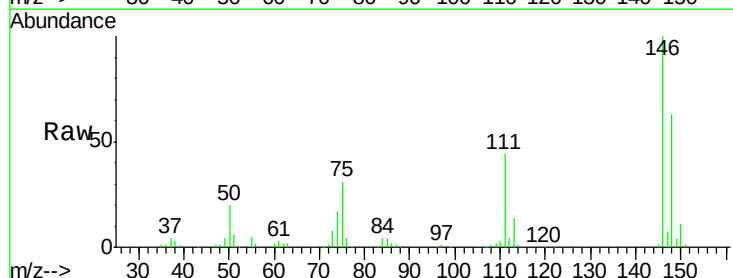
Tgt Ion: 146 Resp: 159425

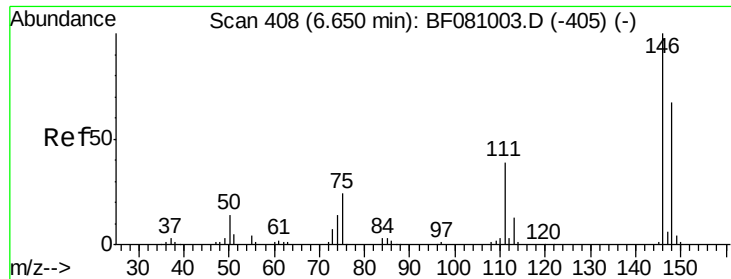
Ion Ratio Lower Upper

146 100

148 63.3 53.3 79.9

75 31.2 25.0 37.6

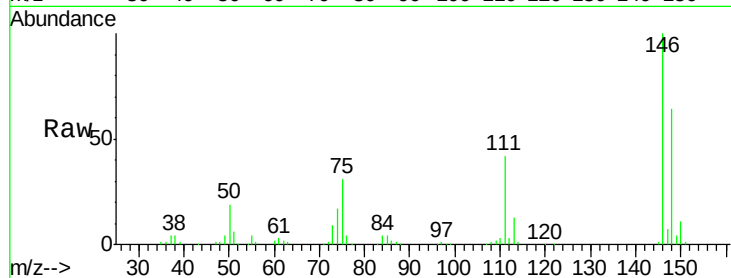




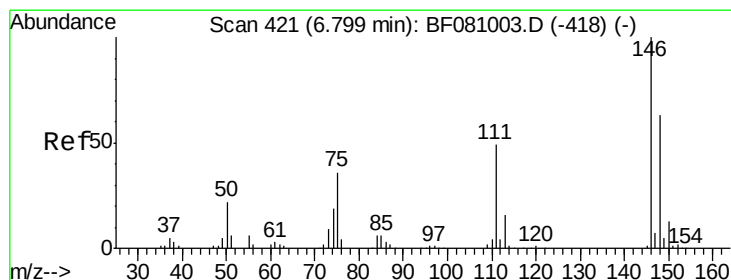
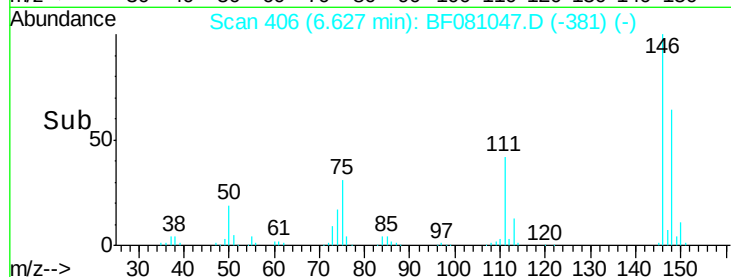
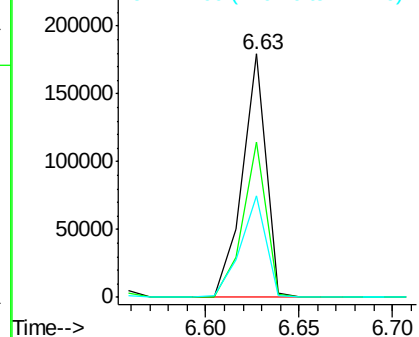
#13
 1,4-Dichlorobenzene
 Concen: 38.74 ng
 RT: 6.63 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 160332
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.3 78.5
 111 41.5 34.4 51.6

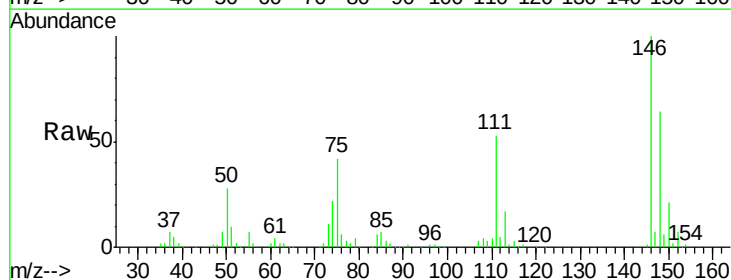


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

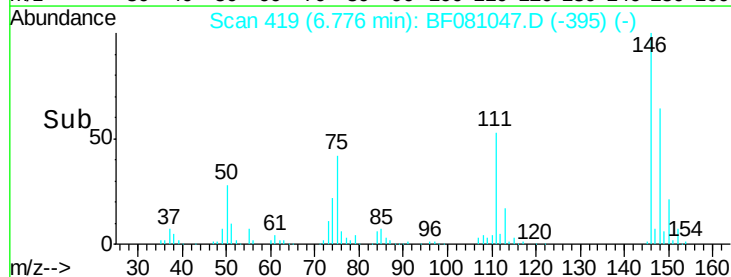
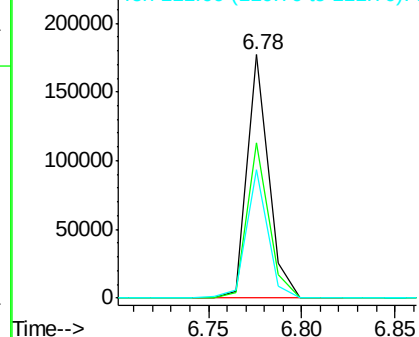


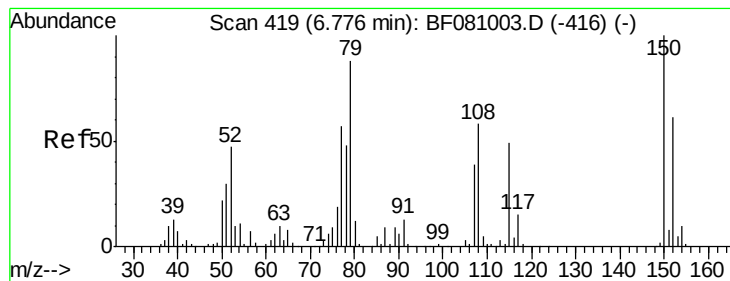
#14
 1,2-Dichlorobenzene
 Concen: 36.87 ng
 RT: 6.78 min Scan# 419
 Delta R.T. -0.02 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Tgt Ion:146 Resp: 142808
 Ion Ratio Lower Upper
 146 100
 148 64.0 48.7 73.1
 111 53.0 42.3 63.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.64 ng

RT: 6.76 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

ClientSampleId :

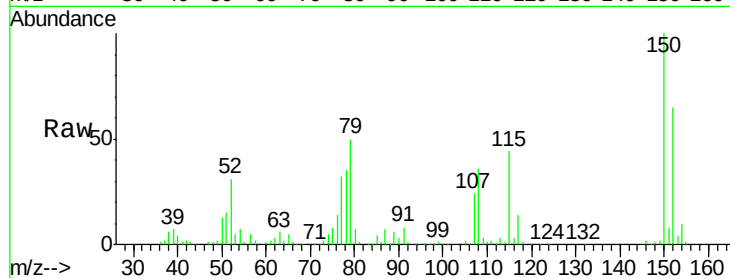
Tot Ion: 79 Resp: 159961

Ion Ratio Lower Upper

79 100

108 72.6 49.4 74.2

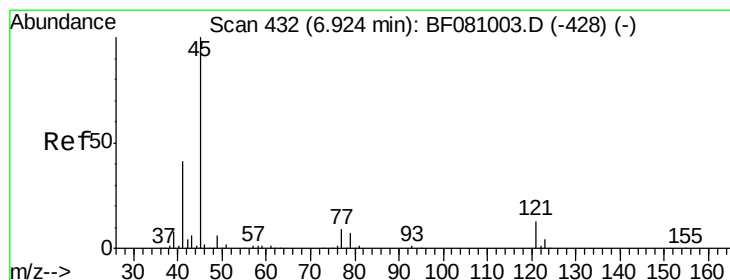
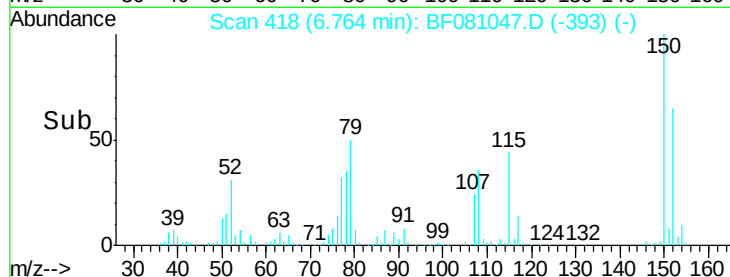
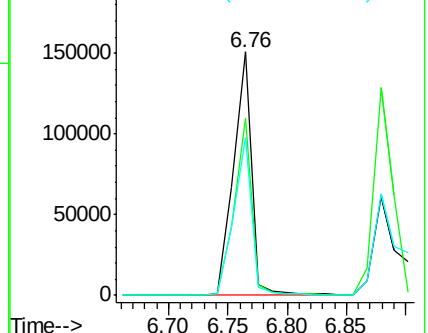
77 64.7 51.4 77.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.79 ng

RT: 6.90 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

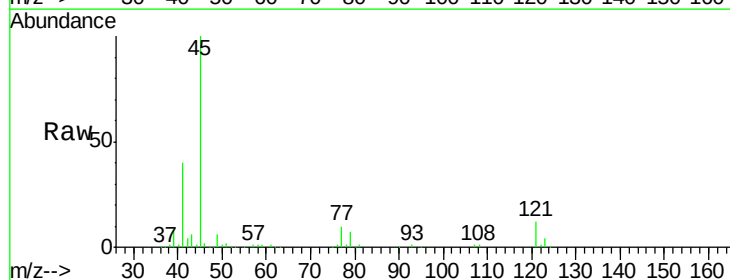
Tgt Ion: 45 Resp: 311986

Ion Ratio Lower Upper

45 100

77 9.6 0.0 30.2

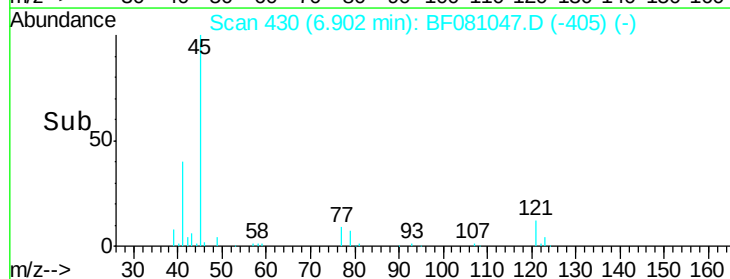
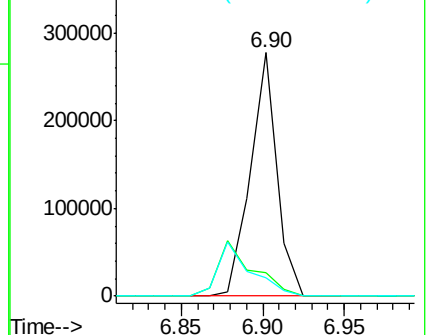
79 7.5 0.0 28.0

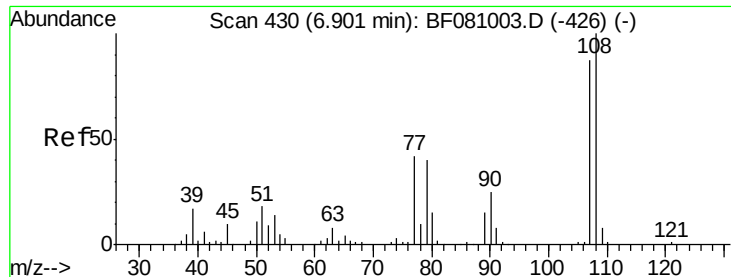


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

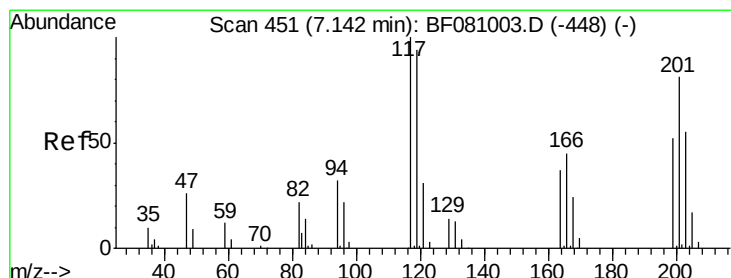
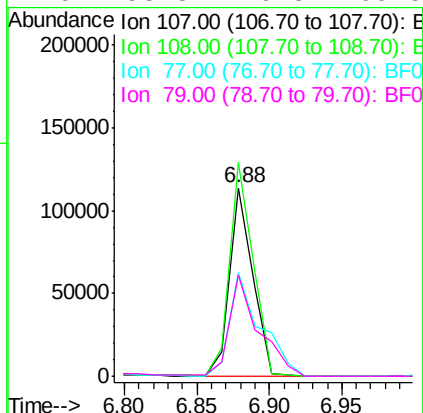
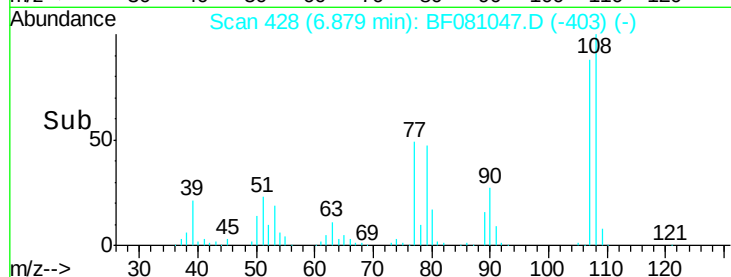
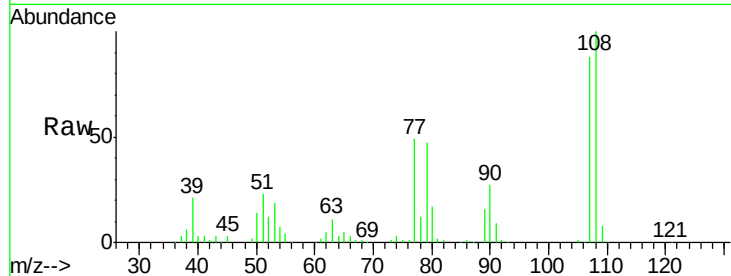




#17
2-Methylphenol
Concen: 38.02 ng
RT: 6.88 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

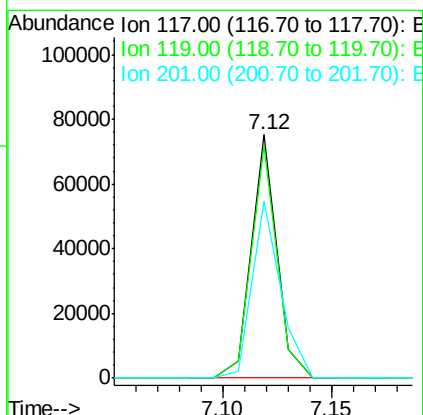
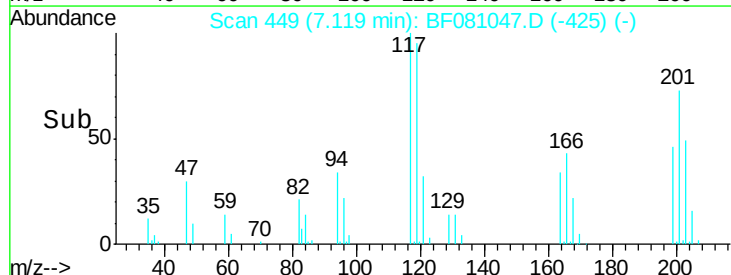
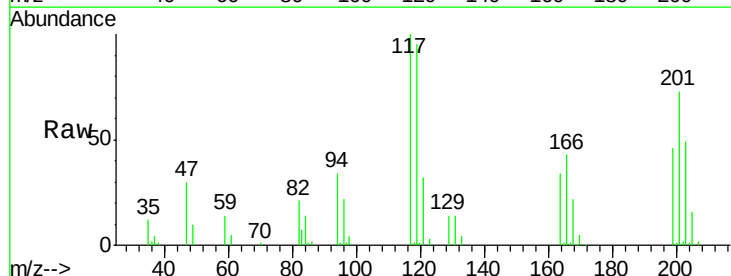
Instrument :
BNA_F
ClientSampleId :

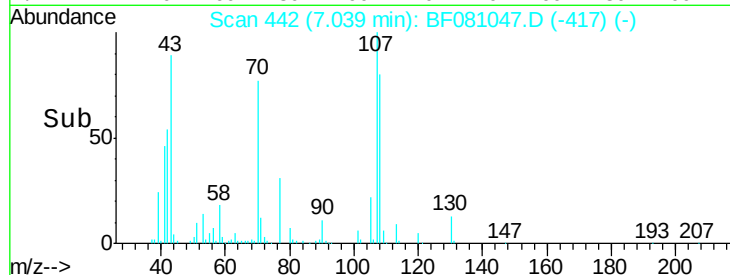
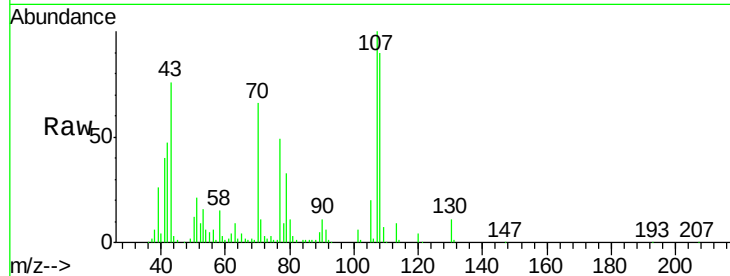
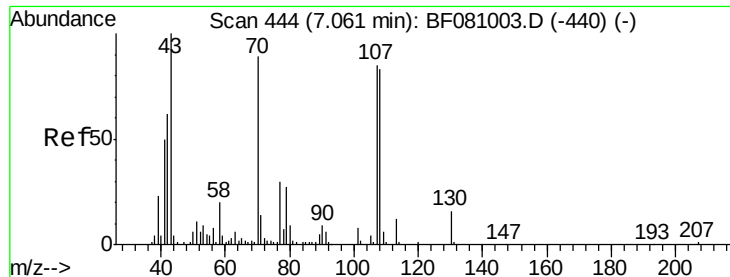
Tot Ion:	107	Resp:	126882
Ion	Ratio	Lower	Upper
107	100		
108	113.4	90.4	135.6
77	55.1	46.5	69.7
79	53.8	46.3	69.5



#18
Hexachloroethane
Concen: 36.72 ng
RT: 7.12 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Tgt Ion:	117	Resp:	61404
Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.9	116.9
201	72.7	61.3	91.9

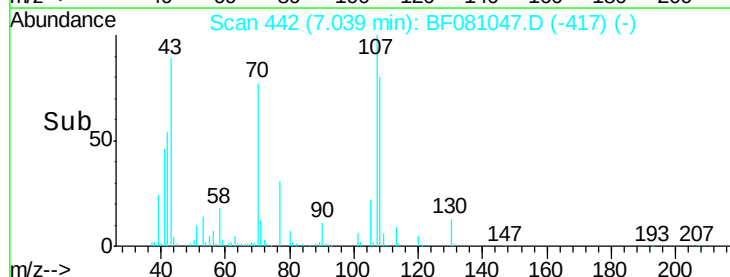
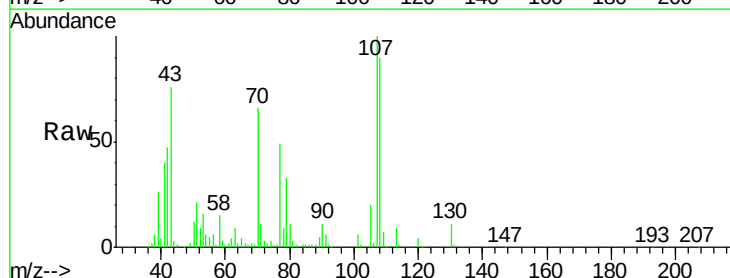
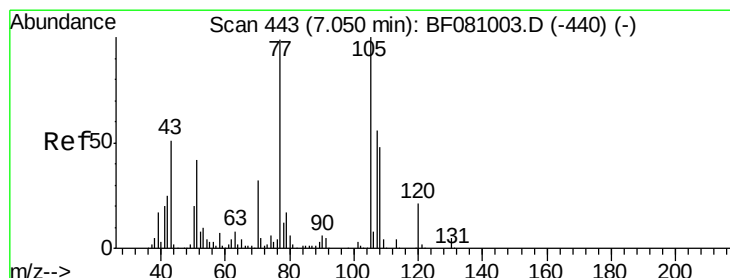
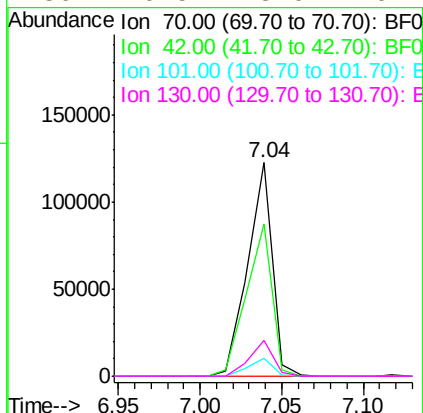




#19
n-Nitroso-di-n-propylamine
Concen: 39.85 ng
RT: 7.04 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

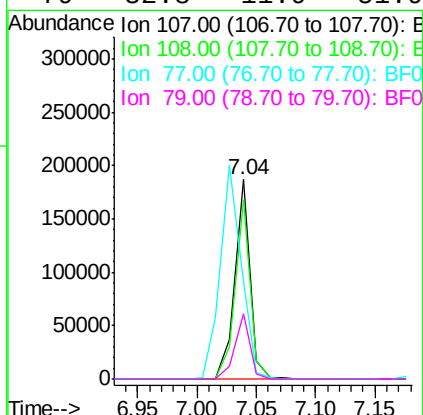
Instrument :
BNA_F
ClientSampleId :

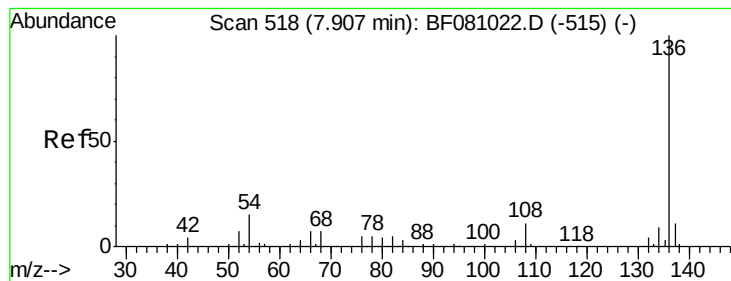
Tot Ion:	70	Resp:	127967
Ion	Ratio	Lower	Upper
70	100		
42	71.2	65.0	97.4
101	8.4	7.4	11.2
130	16.5	13.0	19.4



#20
3+4-Methylphenols
Concen: 39.53 ng
RT: 7.04 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Tgt Ion:	107	Resp:	167425
Ion	Ratio	Lower	Upper
107	100		
108	90.1	66.1	106.1
77	48.9	139.3	179.3#
79	32.8	11.9	51.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF081047.D

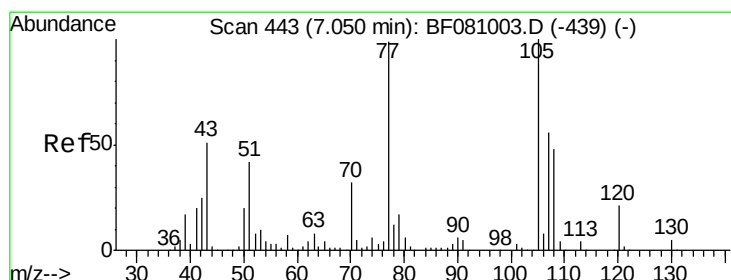
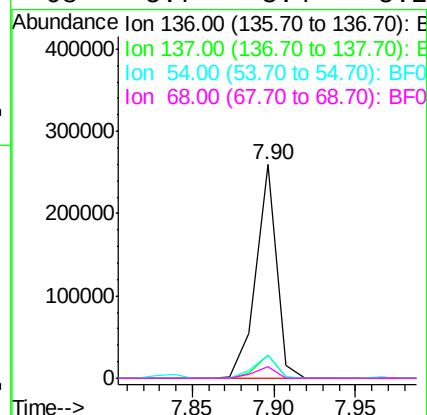
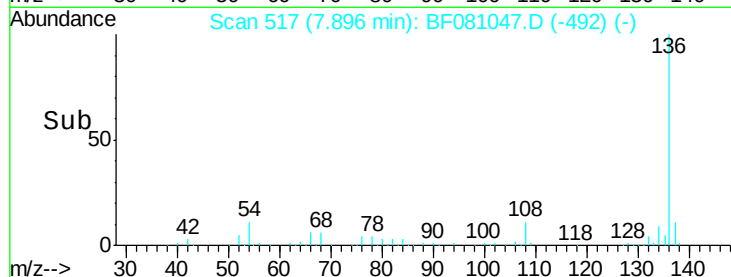
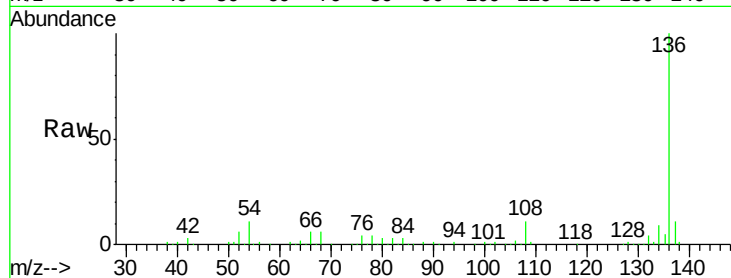
Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	227081
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.2 12.2
54	11.0	7.7 11.5
68	5.7	3.4 5.2#



#22

Acetophenone

Concen: 37.42 ng

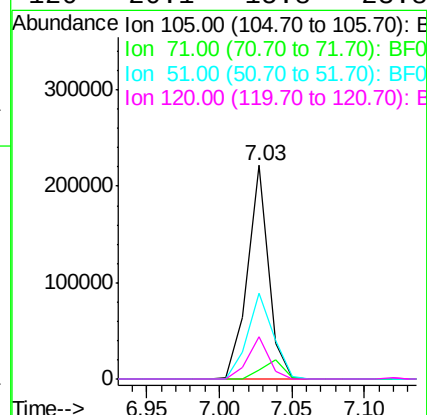
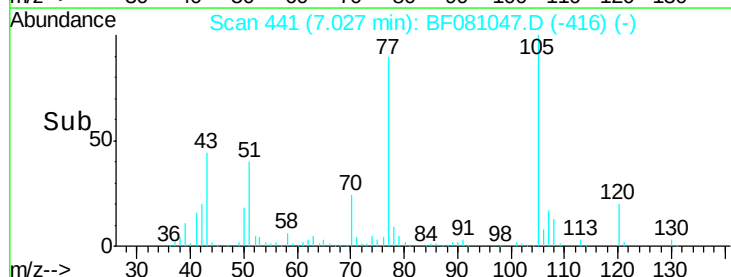
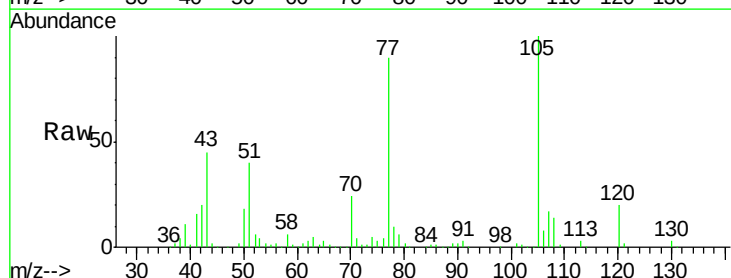
RT: 7.03 min Scan# 441

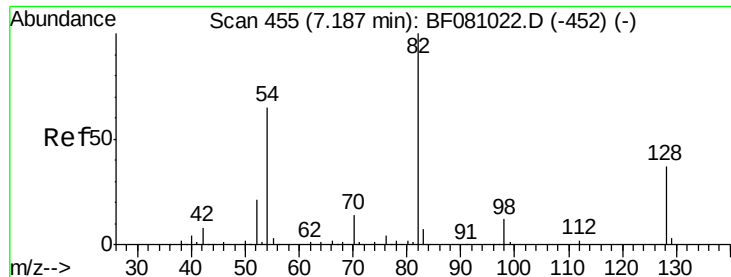
Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Tgt Ion:105	Resp:	223078
Ion Ratio	Lower	Upper
105	100	
71	4.1	3.0 4.6
51	40.4	39.8 59.8
120	20.1	15.8 23.8

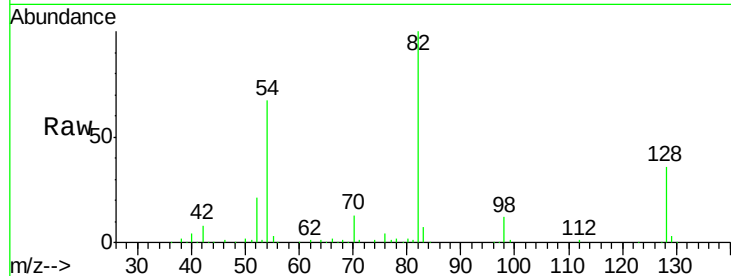




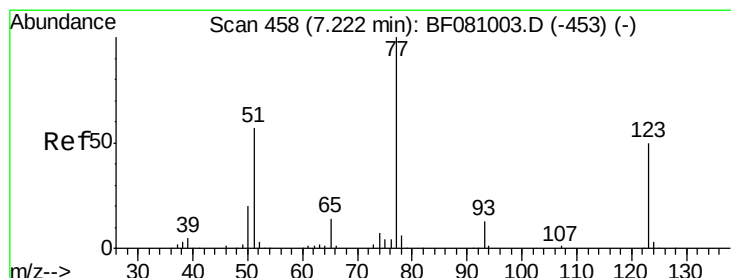
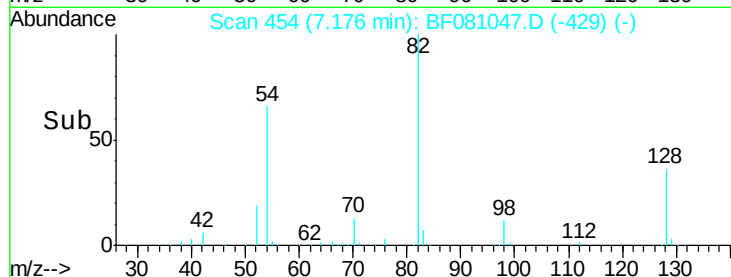
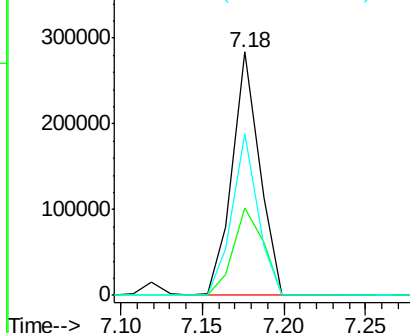
#23
 Nitrobenzene-d5
 Concen: 66.35 ng
 RT: 7.18 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	329848
Ion Ratio	100	Lower	Upper
128	36.1	28.6	42.8
54	66.5	55.1	82.7

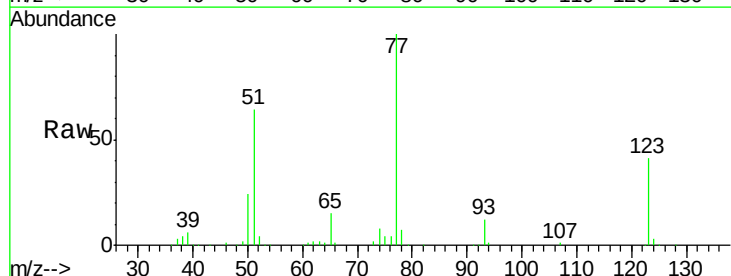


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

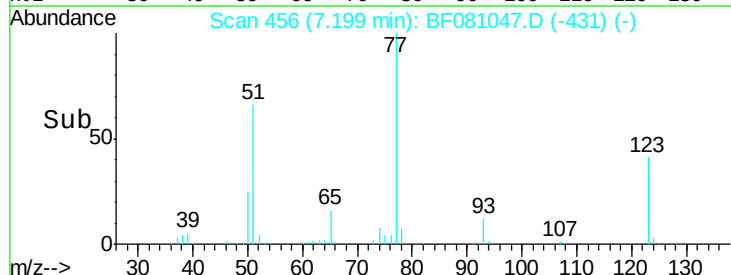
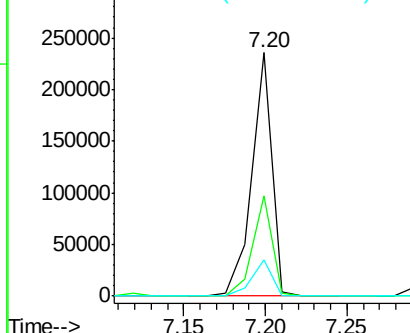


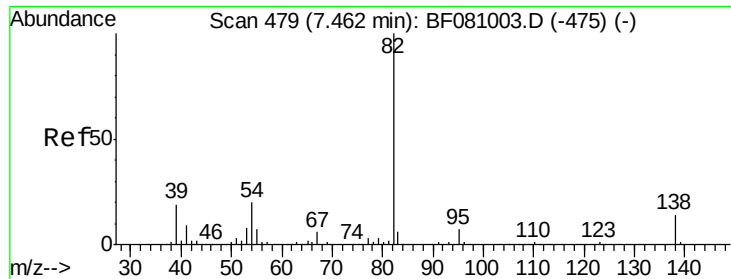
#24
 Nitrobenzene
 Concen: 38.53 ng
 RT: 7.20 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Tgt Ion	77	Resp	200279
Ion Ratio	100	Lower	Upper
123	41.3	32.9	49.3
65	15.1	12.5	18.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 35.73 ng

RT: 7.44 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

ClientSampleId :

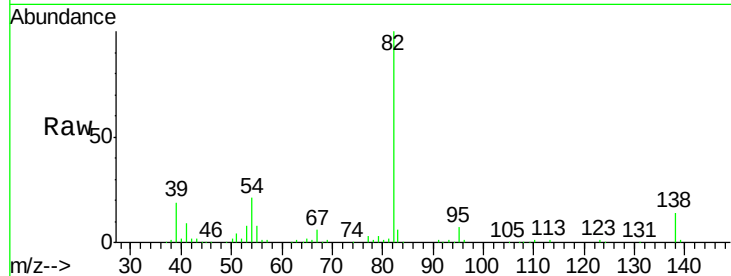
Tot Ion: 82 Resp: 331185

Ion Ratio Lower Upper

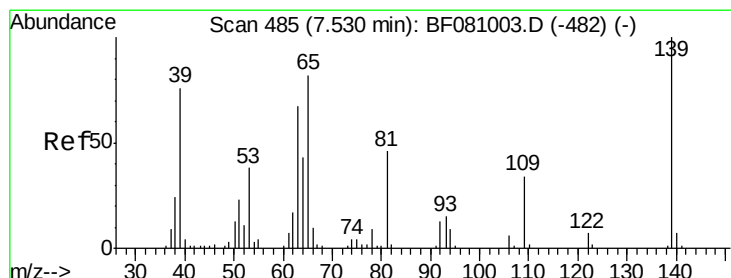
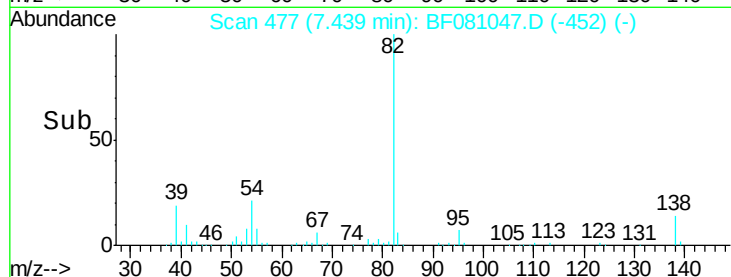
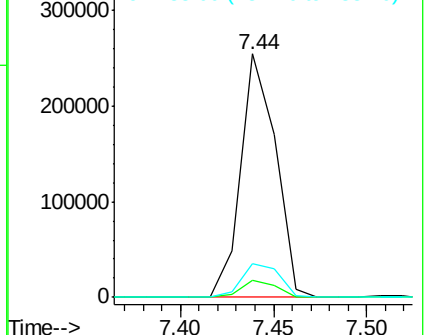
82 100

95 7.0 6.2 9.2

138 13.6 10.5 15.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.33 ng

RT: 7.52 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

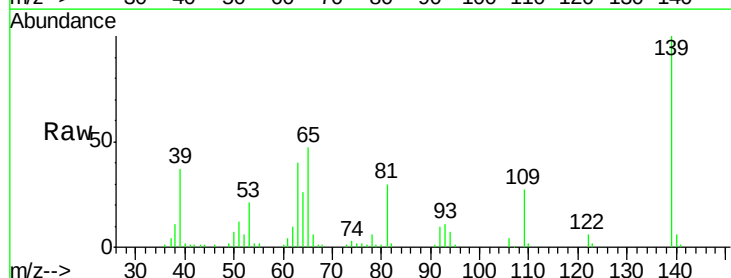
Tgt Ion: 139 Resp: 85019

Ion Ratio Lower Upper

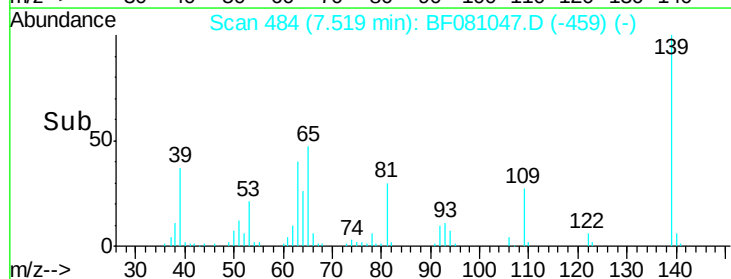
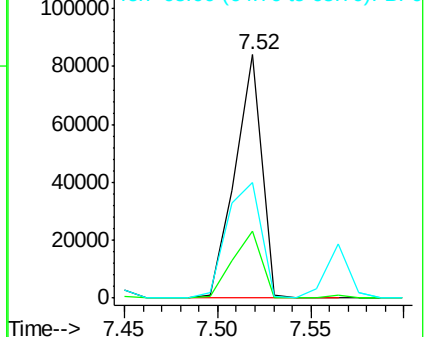
139 100

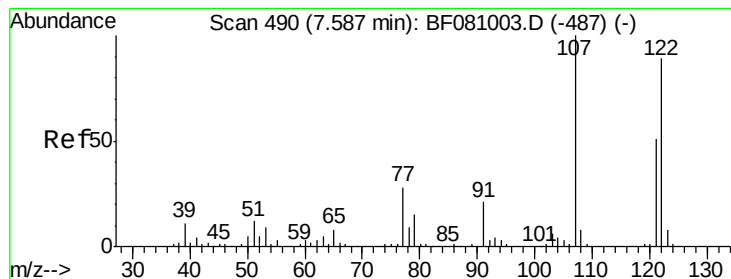
109 27.3 32.1 48.1#

65 47.5 69.9 104.9#



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 37.37 ng

RT: 7.56 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

ClientSampled :

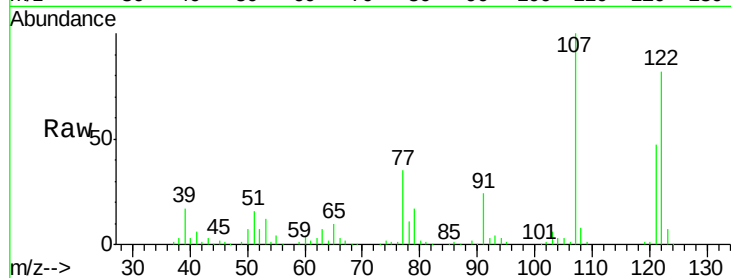
Tot Ion:122 Resp: 142882

Ion Ratio Lower Upper

122 100

107 122.1 103.8 155.6

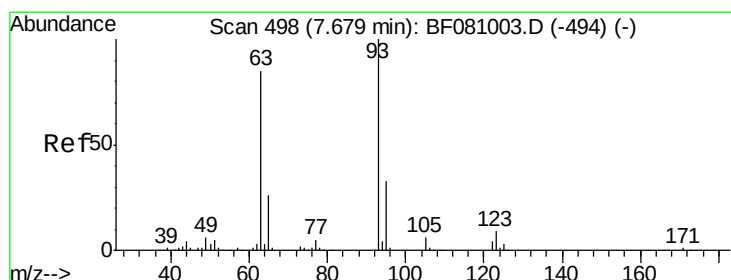
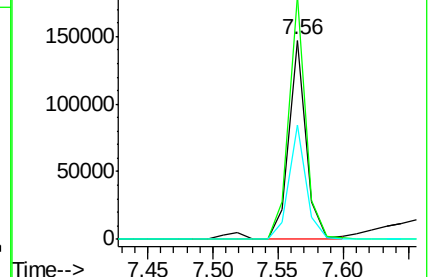
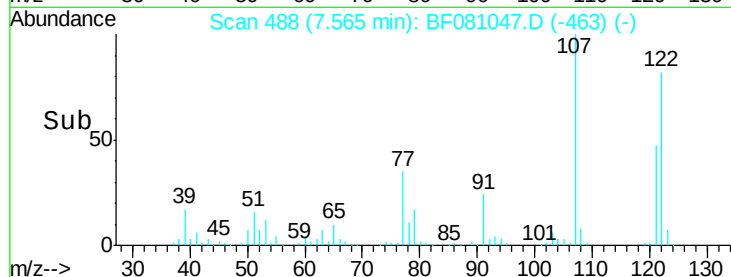
121 57.6 47.0 70.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.88 ng

RT: 7.66 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

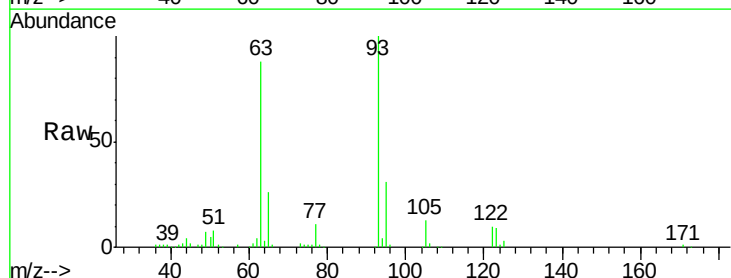
Tgt Ion: 93 Resp: 196511

Ion Ratio Lower Upper

93 100

95 31.4 25.8 38.8

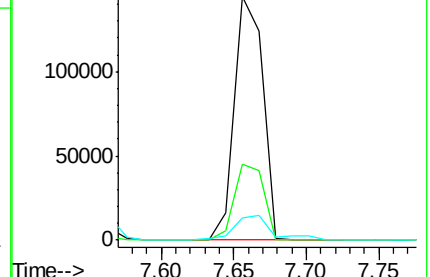
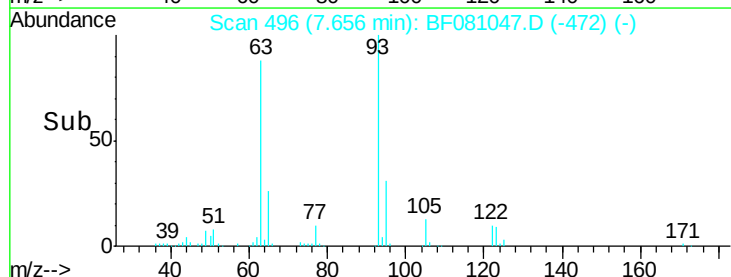
123 9.1 7.4 11.0

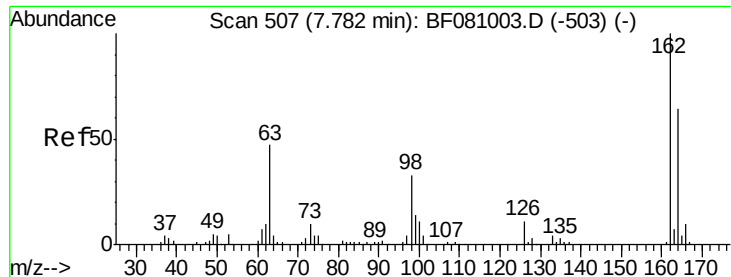


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

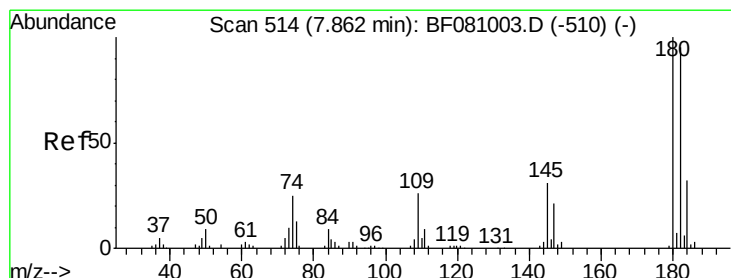
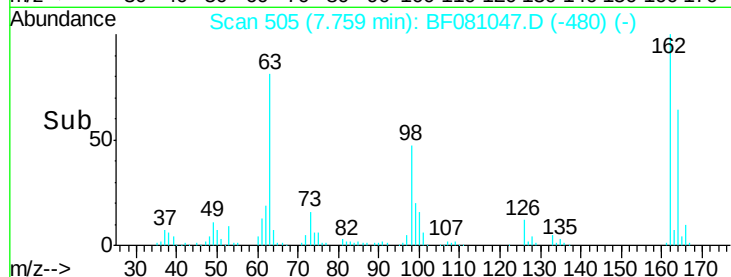
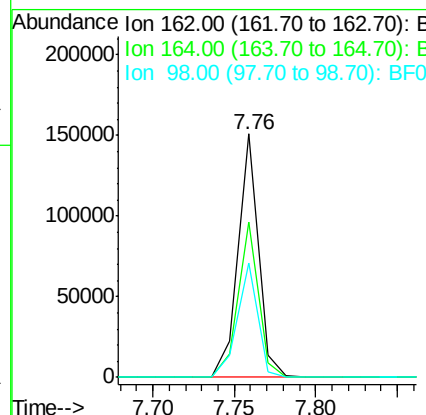
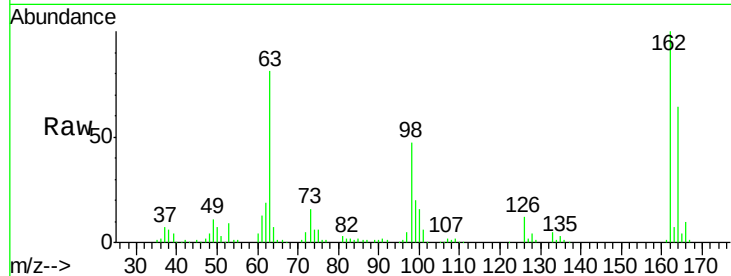




#29
 2,4-Dichlorophenol
 Concen: 40.17 ng
 RT: 7.76 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

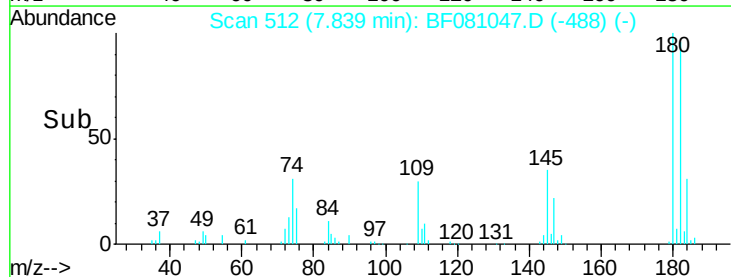
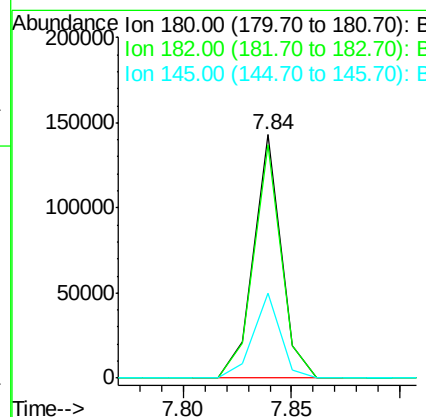
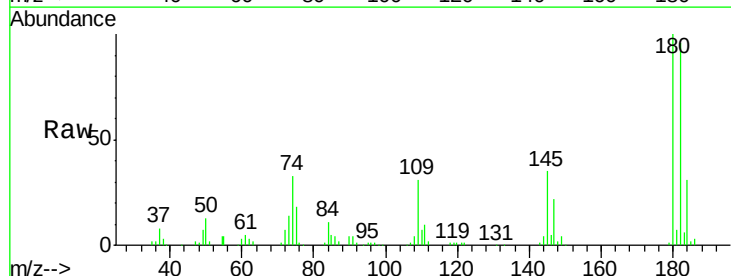
Instrument :
 BNA_F
 ClientSampleId :

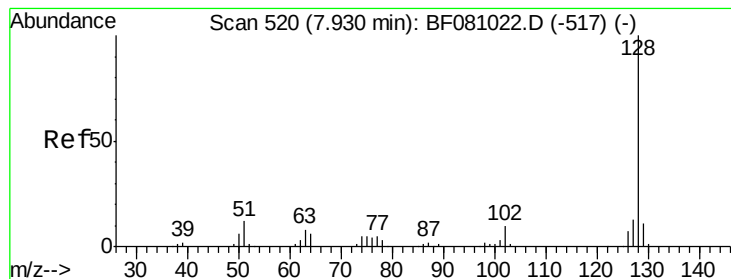
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.2	83.2
98	46.8	12.3	52.3



#30
 1,2,4-Trichlorobenzene
 Concen: 35.15 ng
 RT: 7.84 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.4	114.6
145	34.9	25.4	38.2





#31

Naphthalene

Concen: 37.78 ng

RT: 7.92 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

ClientSampleId :

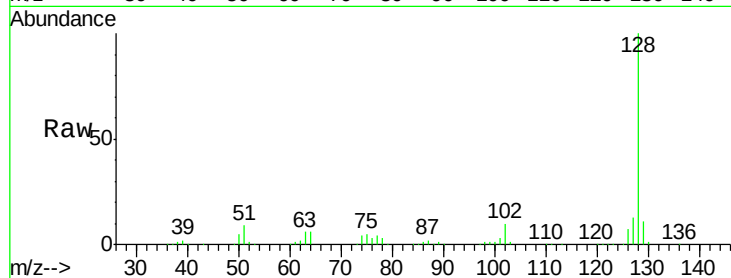
Tot Ion:128 Resp: 478205

Ion Ratio Lower Upper

128 100

129 11.0 8.4 12.6

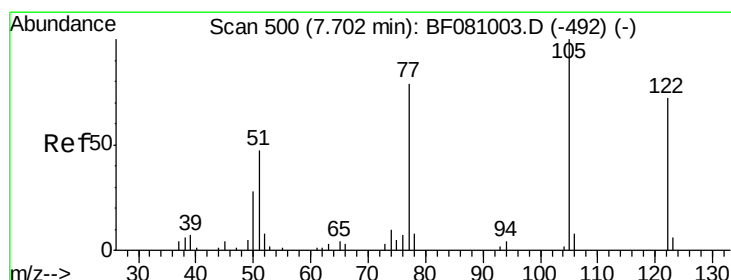
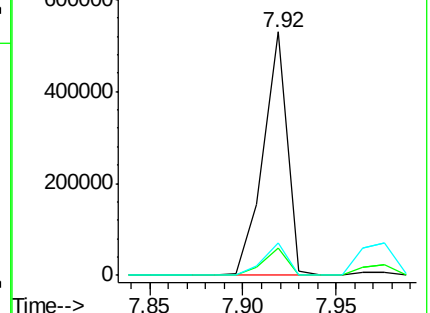
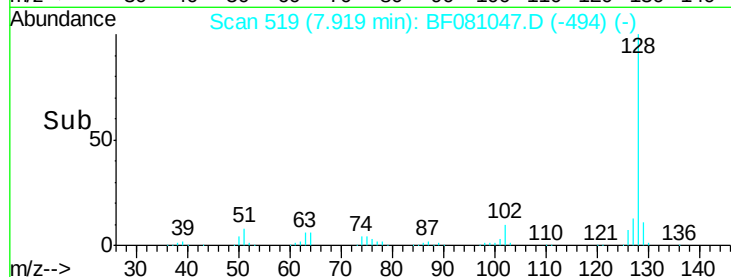
127 13.3 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 49.06 ng

RT: 7.70 min Scan# 500

Delta R.T. 0.05 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

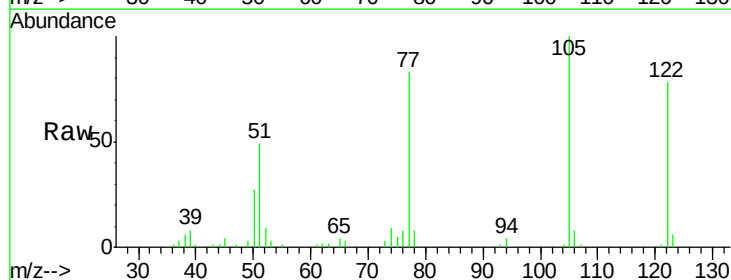
Tgt Ion:122 Resp: 105522

Ion Ratio Lower Upper

122 100

105 127.5 113.8 153.8

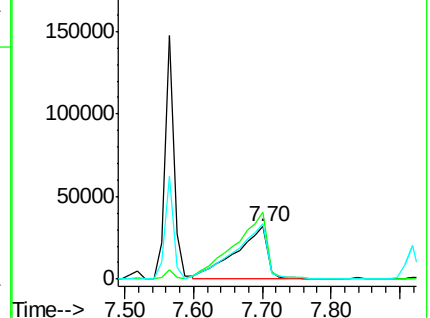
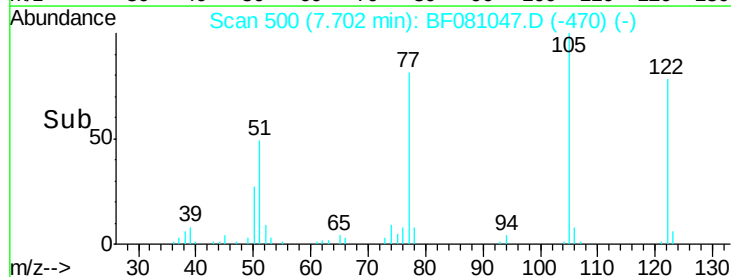
77 106.3 93.8 133.8

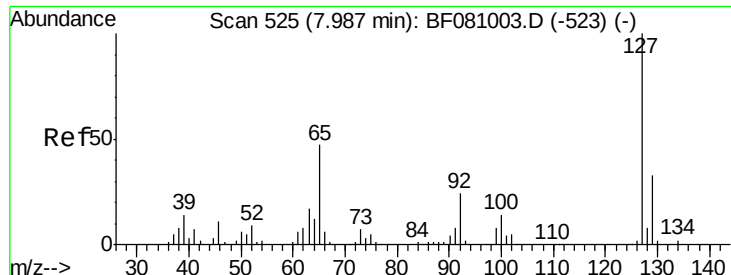


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

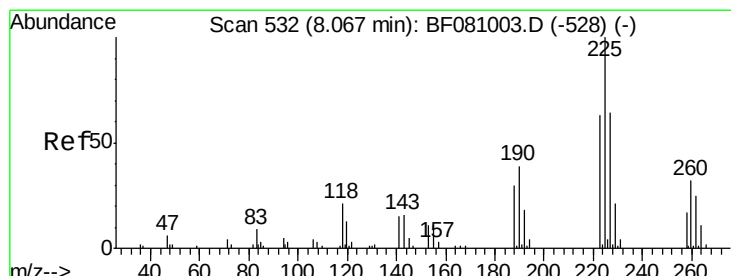
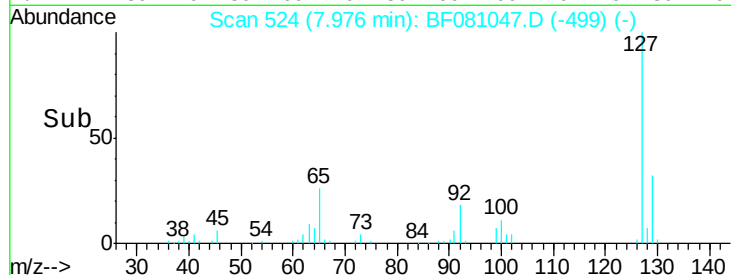
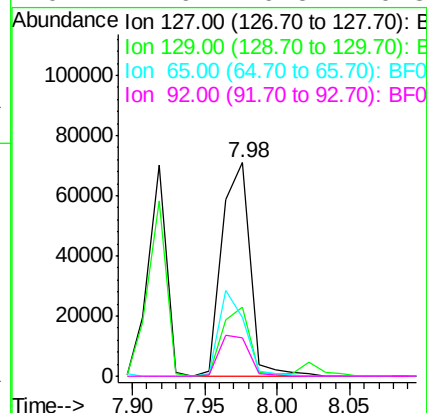
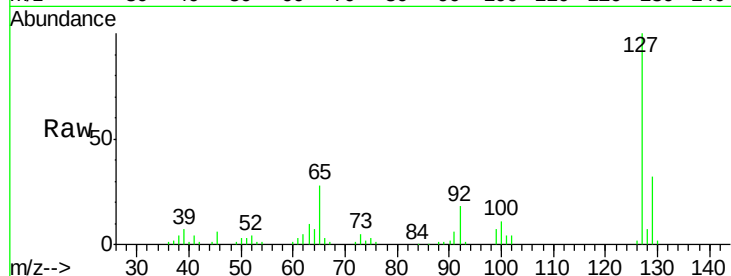




#33
4-Chloroaniline
Concen: 17.90 ng
RT: 7.98 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

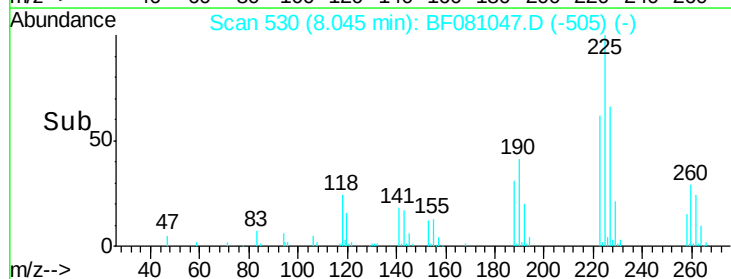
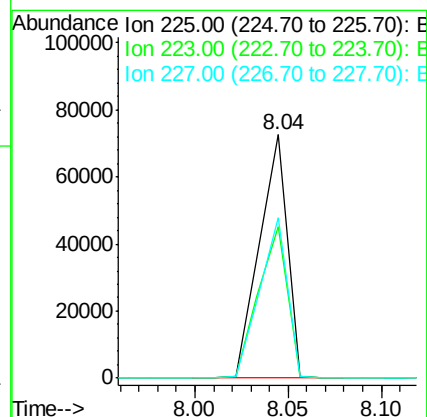
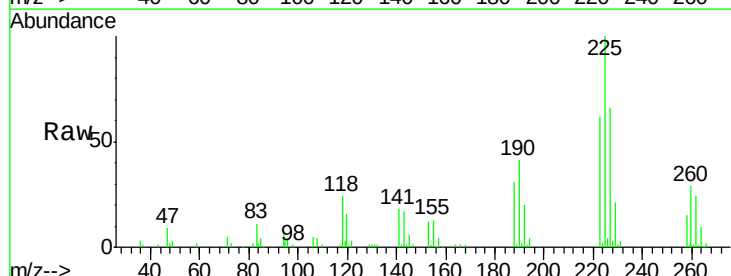
Instrument :
BNA_F
ClientSampleId :

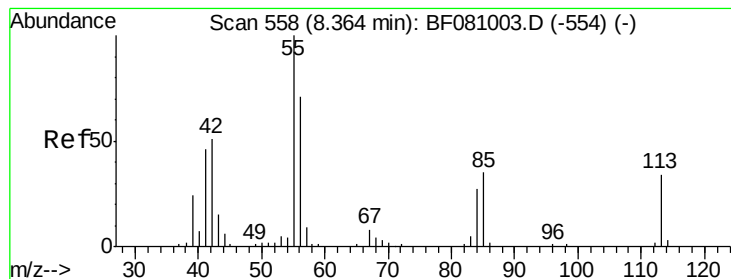
Tot Ion:	127	Resp:	95606
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.2	37.8
65	27.8	37.8	56.6#
92	17.9	19.5	29.3#



#34
Hexachlorobutadiene
Concen: 37.00 ng
RT: 8.04 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Tgt Ion:	225	Resp:	74860
Ion	Ratio	Lower	Upper
225	100		
223	62.4	52.6	79.0
227	65.8	51.1	76.7





#35

Caprolactam

Concen: 30.01 ng

RT: 8.34 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

ClientSampleId :

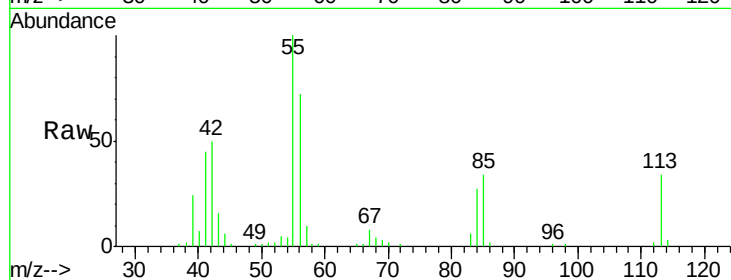
Tot Ion:113 Resp: 33763

Ion Ratio Lower Upper

113 100

55 290.4 280.4 320.4

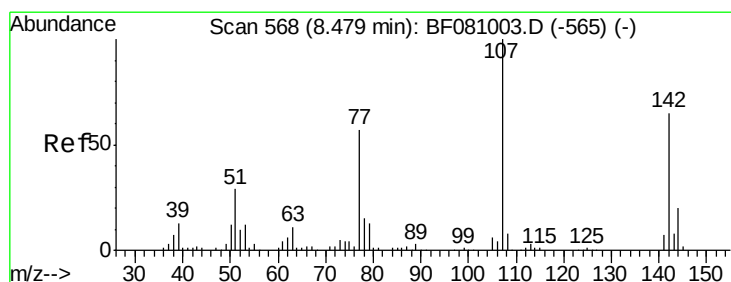
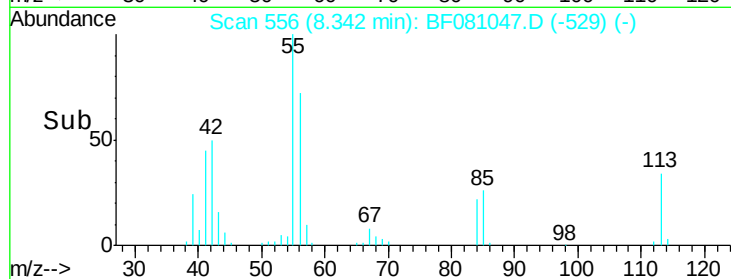
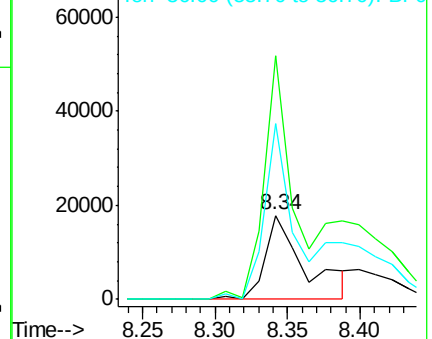
56 209.0 205.9 245.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.58 ng

RT: 8.47 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

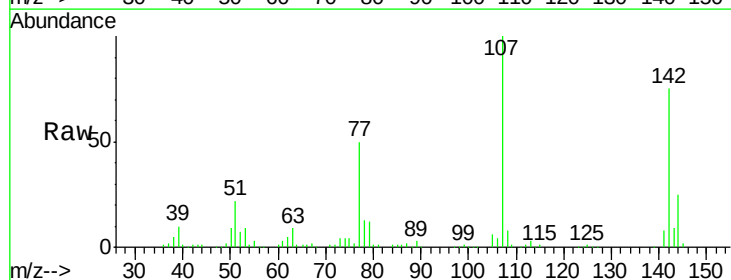
Tgt Ion:107 Resp: 171030

Ion Ratio Lower Upper

107 100

144 24.7 17.2 25.8

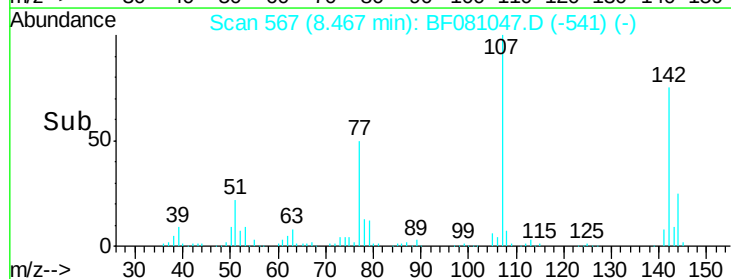
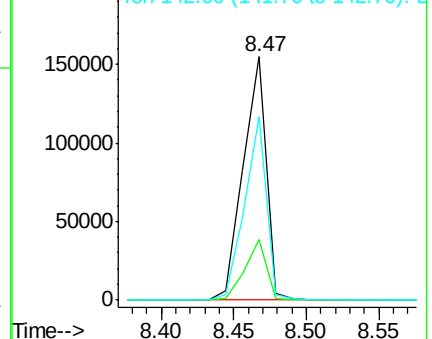
142 75.2 54.9 82.3

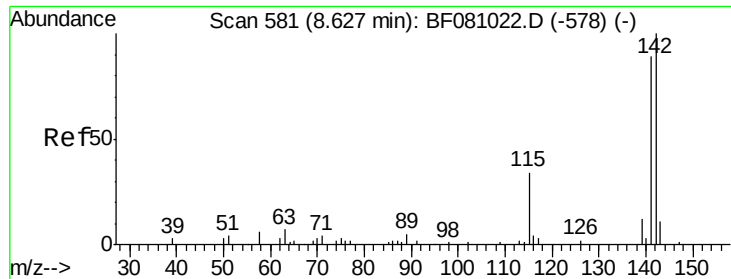


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

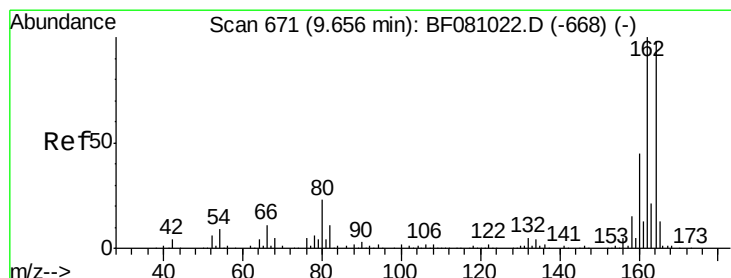
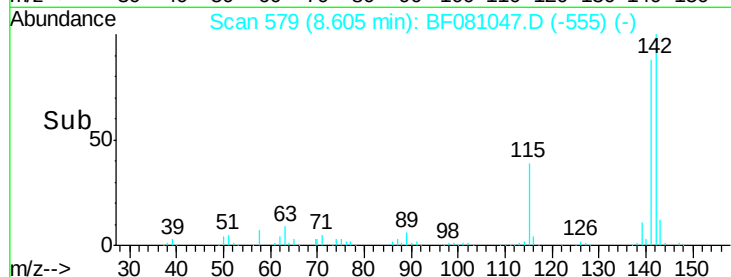
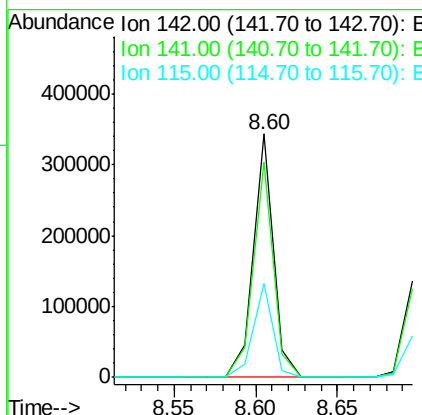
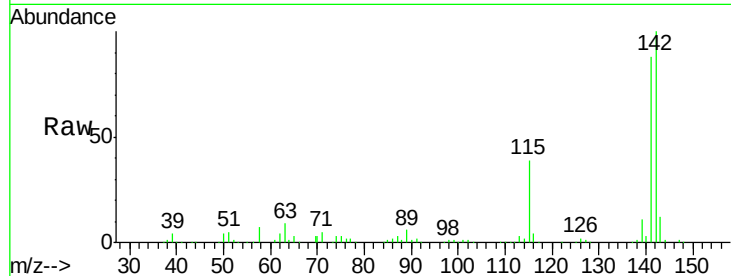




#37
 2-Methylnaphthalene
 Concen: 36.75 ng
 RT: 8.60 min Scan# 579
 Delta R.T. -0.02 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

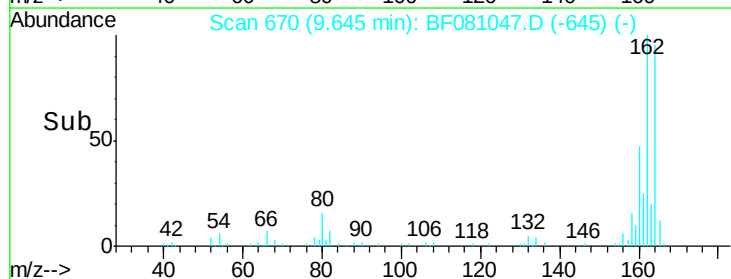
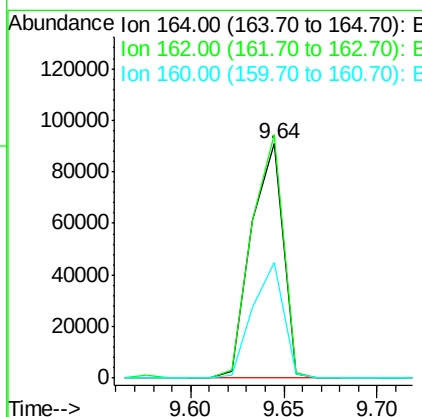
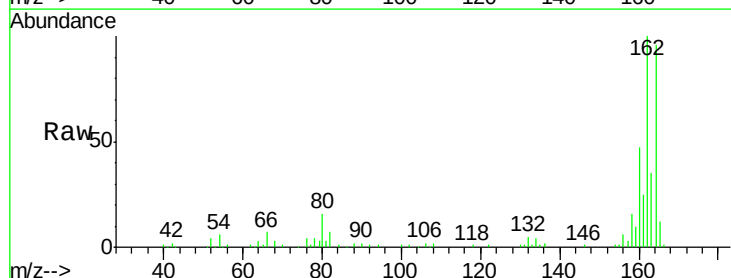
Instrument :
 BNA_F
 ClientSampleId :

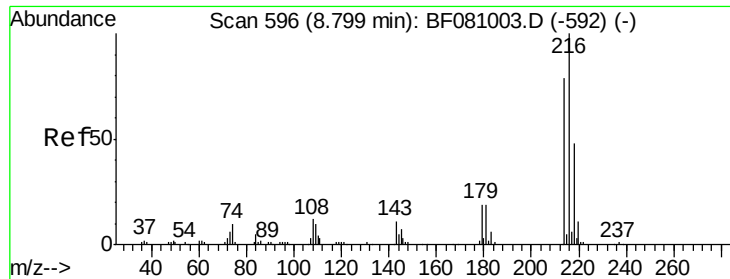
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.4	107.2
115	38.6	33.4	50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.8	125.8
160	49.2	39.8	59.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.98 ng

RT: 8.78 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 128058

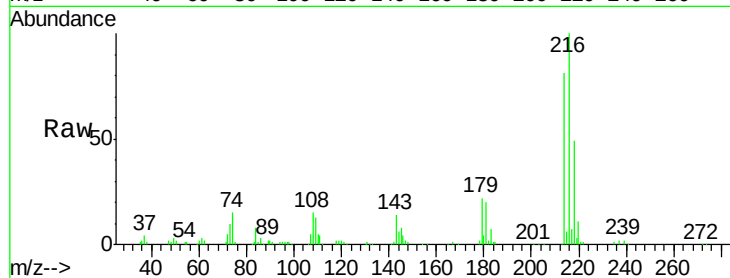
Ion Ratio Lower Upper

216 100

214 80.3 63.8 95.8

179 23.1 17.8 26.8

108 23.2 16.2 24.2

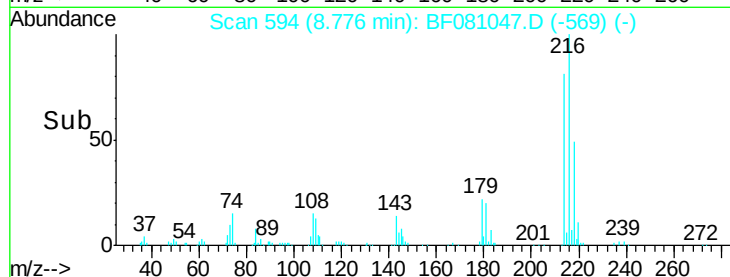


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Abundance

200000

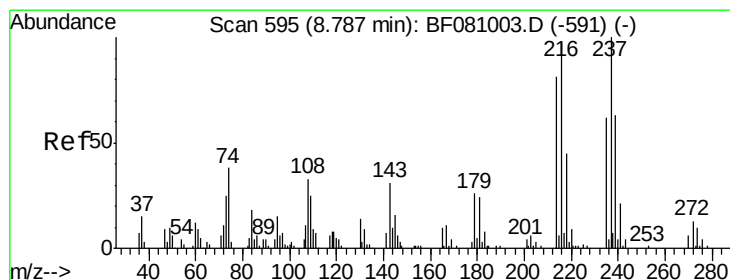
150000

100000

50000

0

Time-->



#40

Hexachlorocyclopentadiene

Concen: 83.39 ng

RT: 8.76 min Scan# 593

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

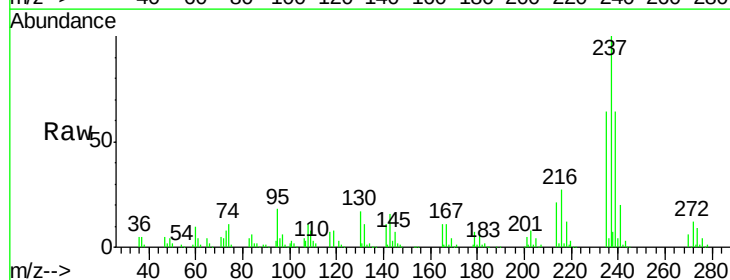
Tgt Ion:237 Resp: 149471

Ion Ratio Lower Upper

237 100

235 63.5 43.6 83.6

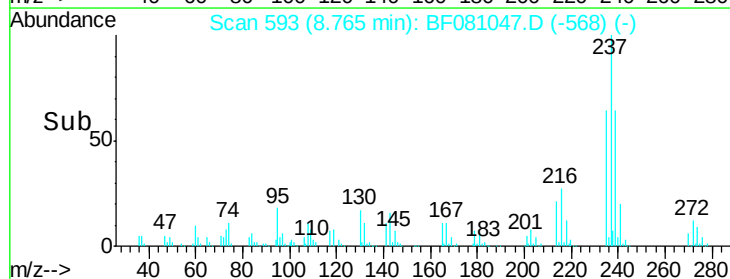
272 11.6 0.0 32.2



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Abundance

200000

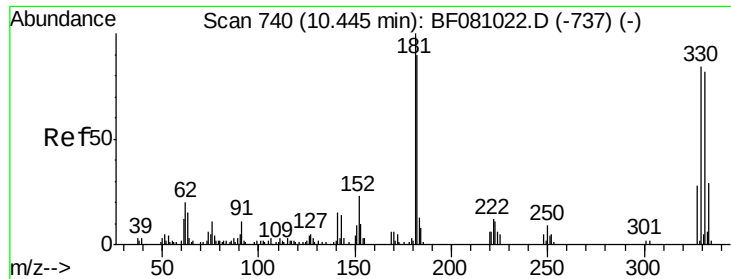
150000

100000

50000

0

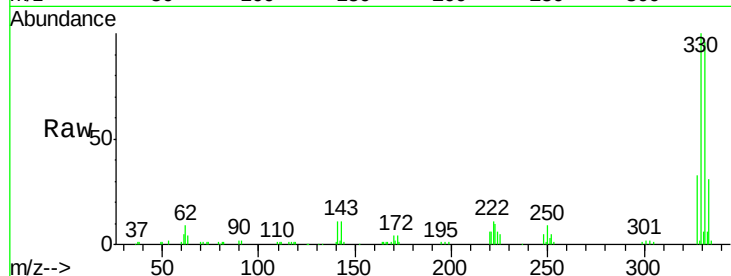
Time-->



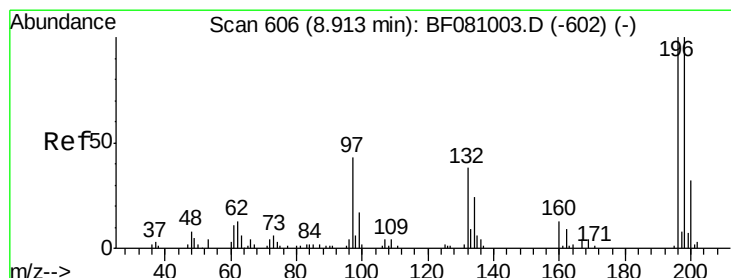
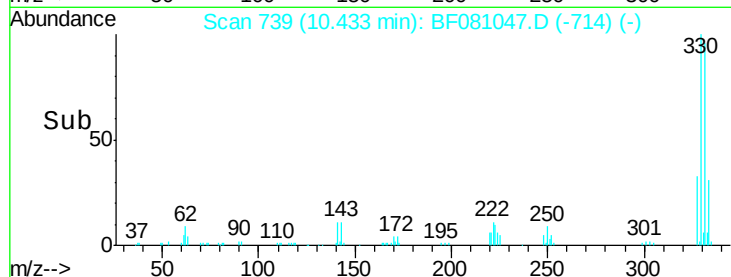
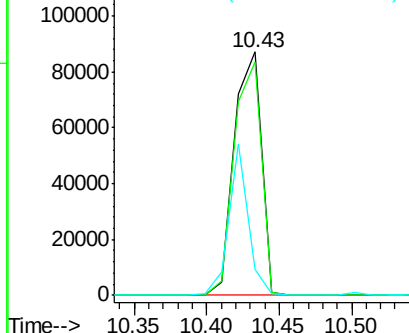
#41
 2,4,6-Tribromophenol
 Concen: 122.25 ng
 RT: 10.43 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 113740
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.3 115.9
 141 43.9 44.9 67.3#

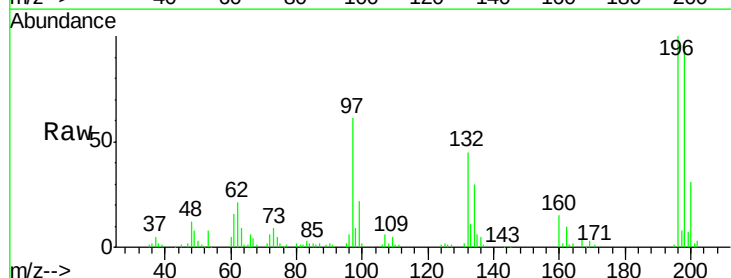


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

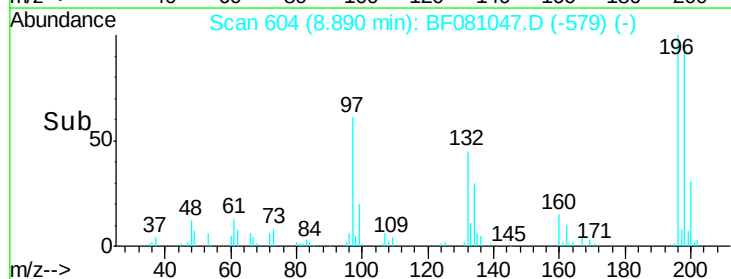
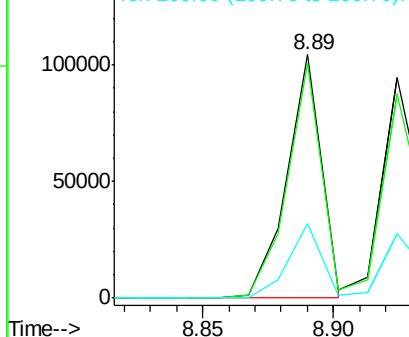


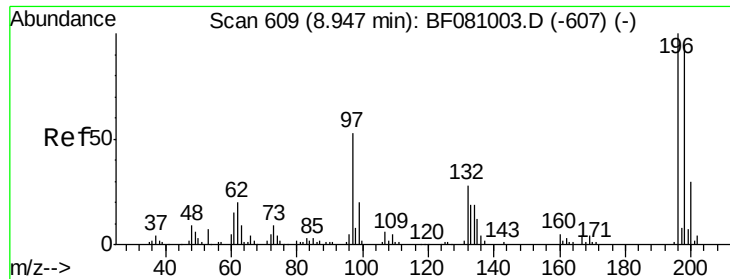
#42
 2,4,6-Trichlorophenol
 Concen: 38.90 ng
 RT: 8.89 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Tgt Ion:196 Resp: 95161
 Ion Ratio Lower Upper
 196 100
 198 96.5 74.6 111.8
 200 30.8 22.7 34.1



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

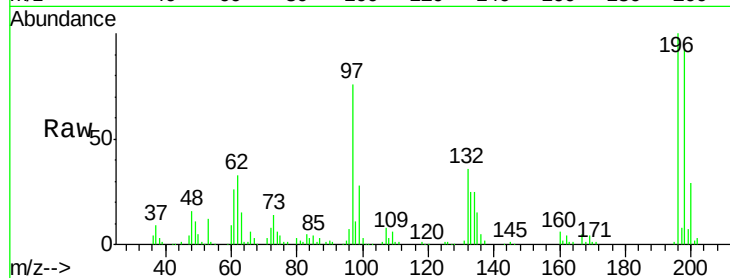




#43
 2,4,5-Trichlorophenol
 Concen: 36.75 ng
 RT: 8.92 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.2	78.3	117.5
97	76.3	42.7	64.1#
132	35.5	23.3	34.9#



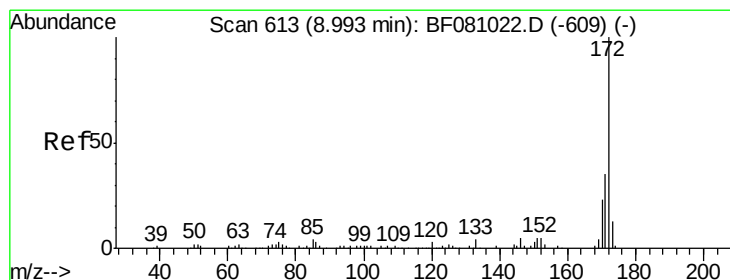
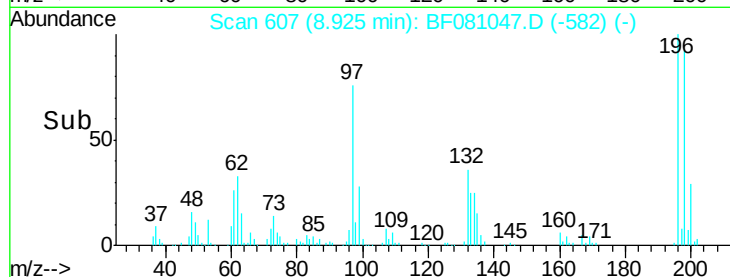
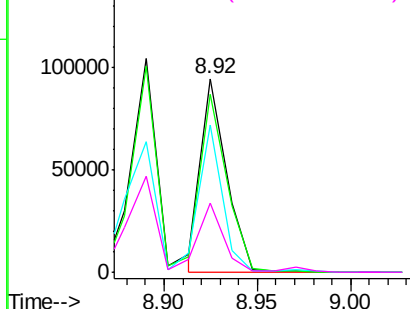
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

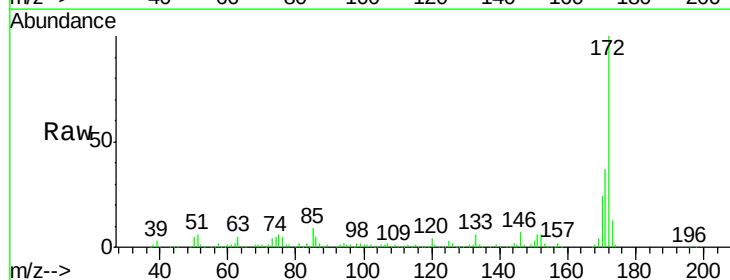
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 67.50 ng
 RT: 8.97 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	23.8	19.4	29.2

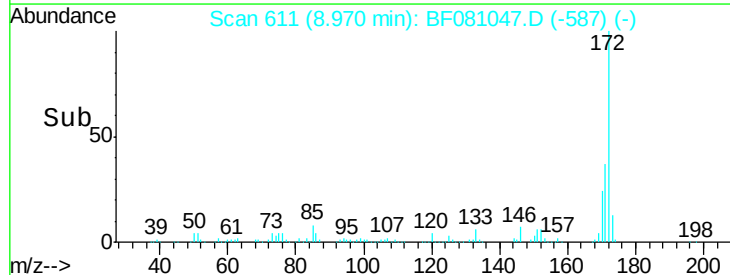
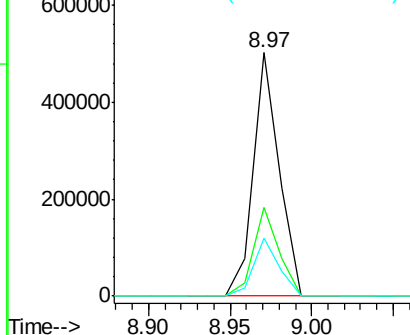


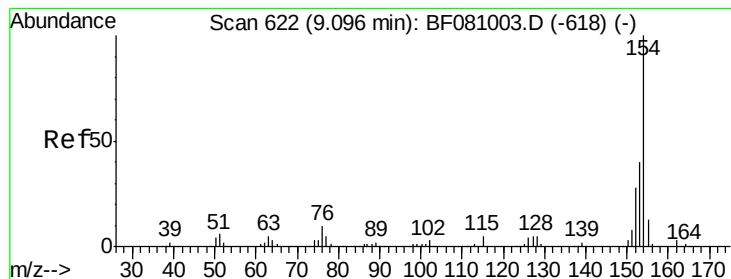
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.58 ng

RT: 9.07 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

ClientSampleId :

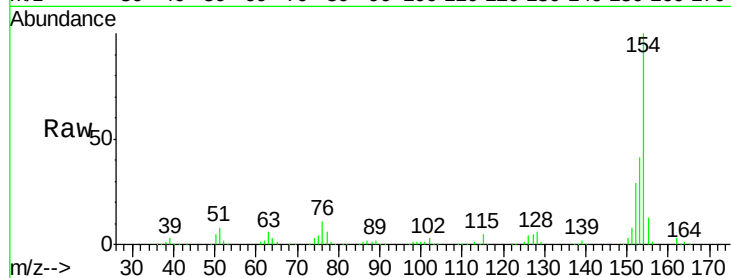
Tot Ion:154 Resp: 393108

Ion Ratio Lower Upper

154 100

153 40.7 19.5 59.5

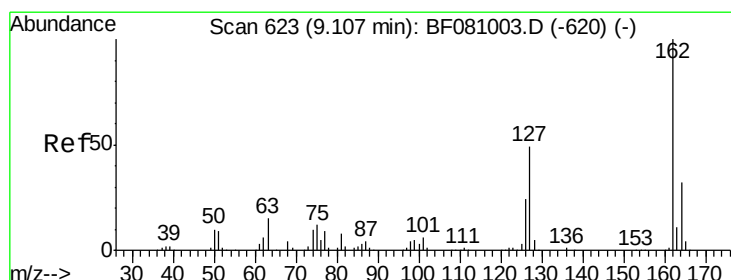
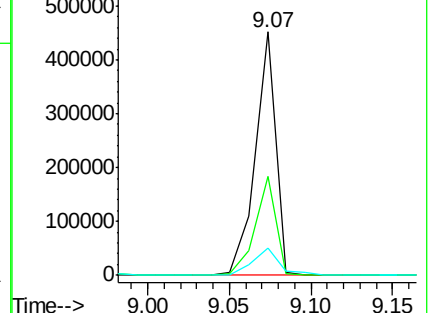
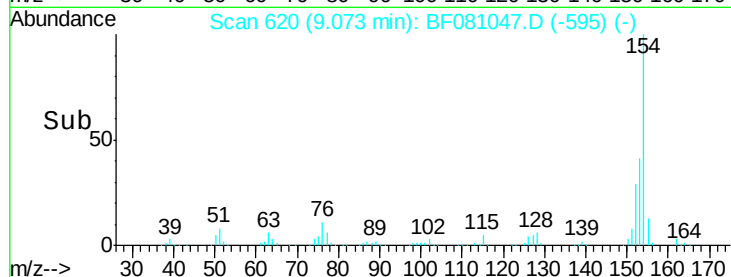
76 11.4 0.0 29.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 35.61 ng

RT: 9.10 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

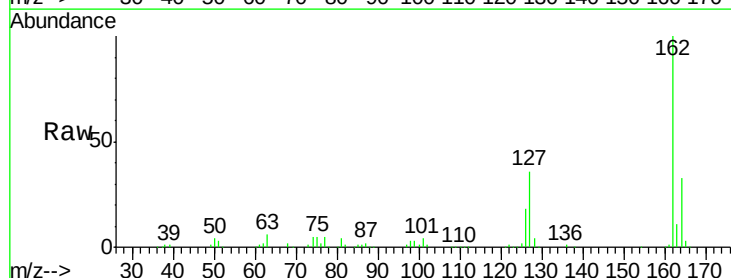
Tgt Ion:162 Resp: 270455

Ion Ratio Lower Upper

162 100

127 36.5 31.3 46.9

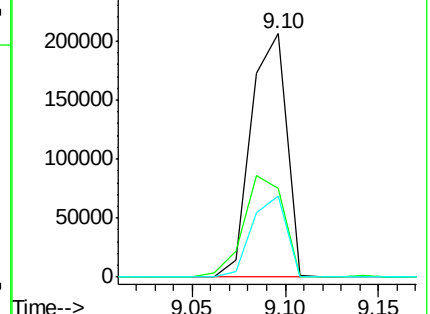
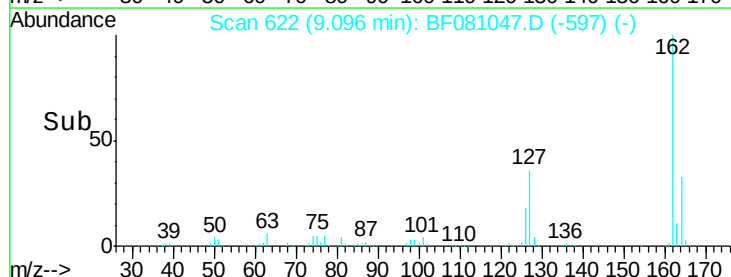
164 33.4 26.3 39.5

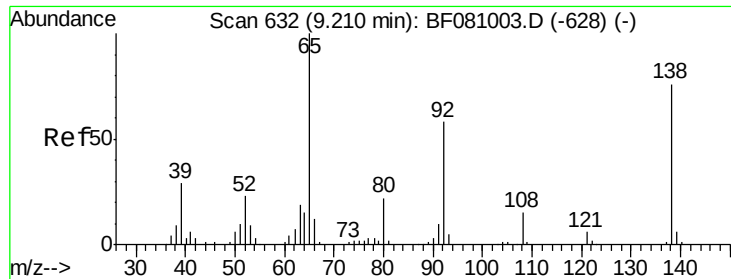


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

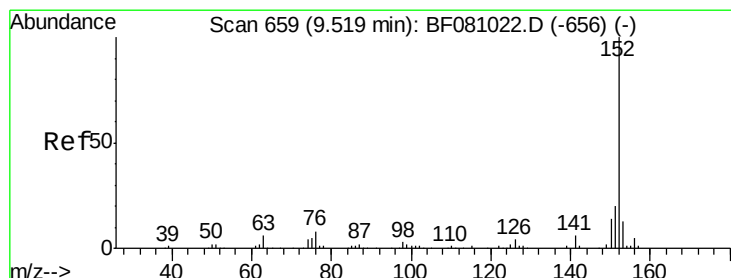
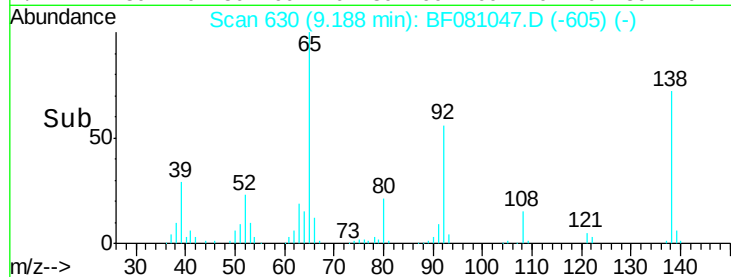
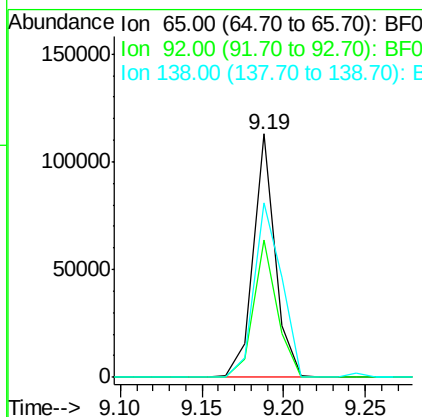
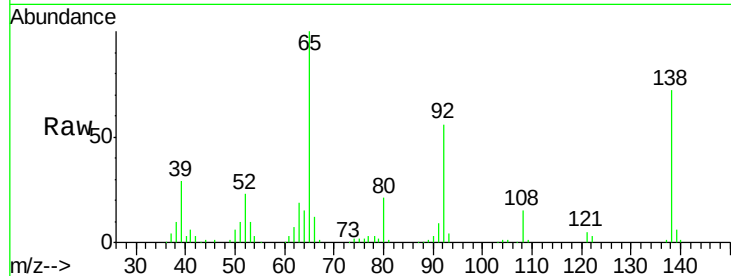




#47
 2-Nitroaniline
 Concen: 33.96 ng
 RT: 9.19 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

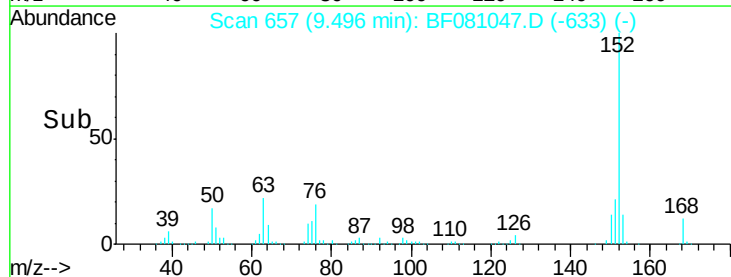
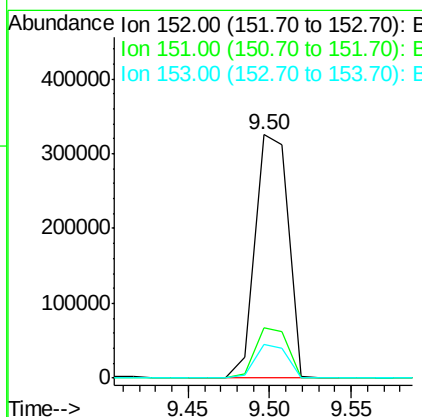
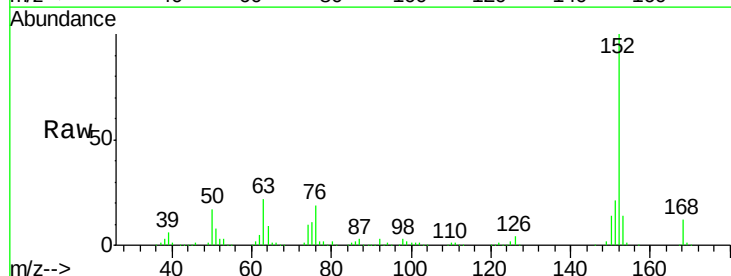
Instrument :
 BNA_F
 ClientSampled :

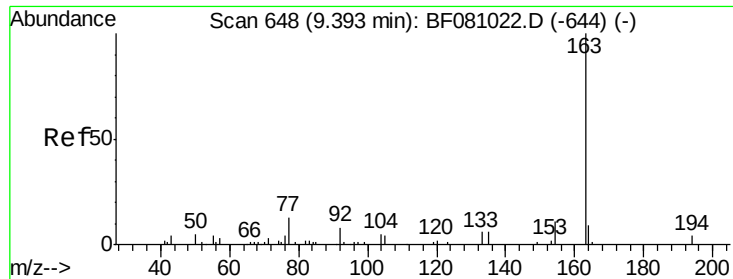
Tot Ion: 65 Resp: 105545
 Ion Ratio Lower Upper
 65 100
 92 56.4 45.6 68.4
 138 71.7 57.9 86.9



#48
 Acenaphthylene
 Concen: 33.67 ng
 RT: 9.50 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Tgt Ion: 152 Resp: 457445
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.1 24.1
 153 13.7 9.8 14.6

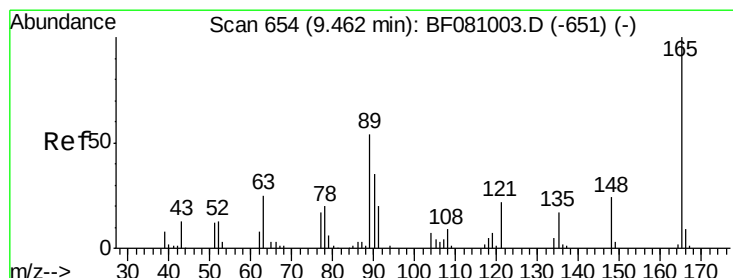
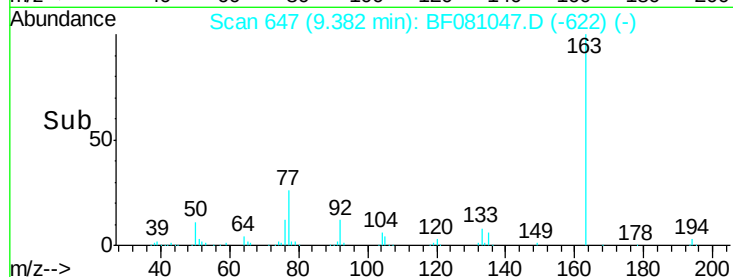
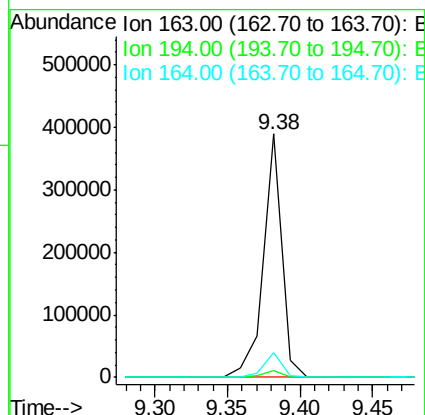
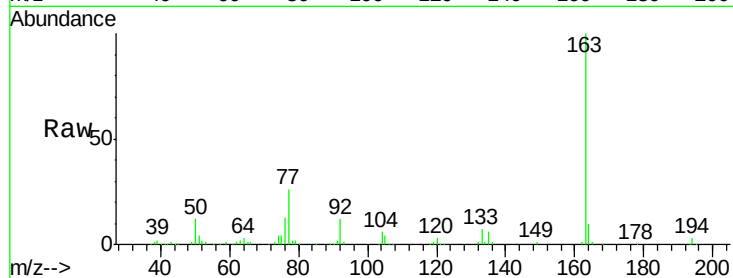




#49
Dimethylphthalate
Concen: 38.57 ng
RT: 9.38 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

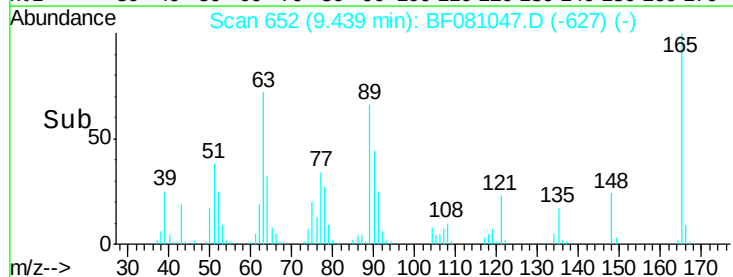
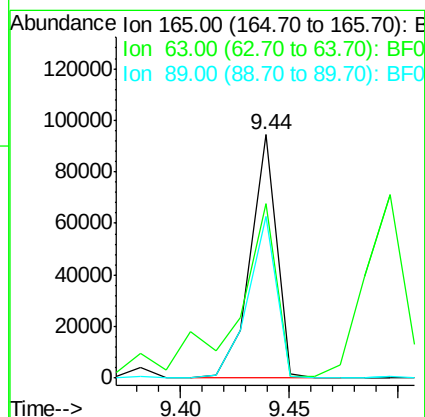
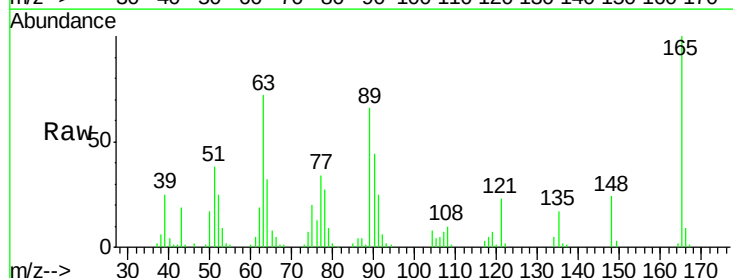
Instrument :
BNA_F
ClientSampled :

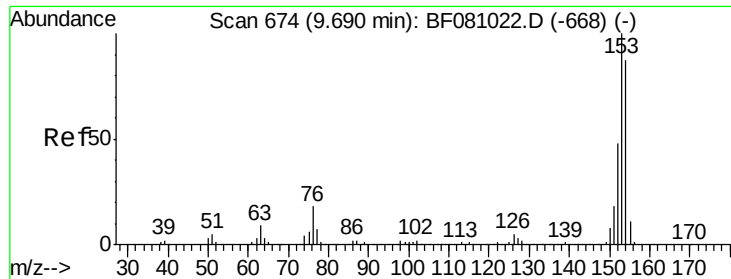
Tot Ion:163 Resp: 340918
Ion Ratio Lower Upper
163 100
194 3.0 2.5 3.7
164 10.1 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 41.85 ng
RT: 9.44 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Tgt Ion:165 Resp: 79428
Ion Ratio Lower Upper
165 100
63 71.6 49.5 74.3
89 66.2 47.6 71.4





#51

Acenaphthene

Concen: 35.15 ng

RT: 9.68 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

ClientSampleId :

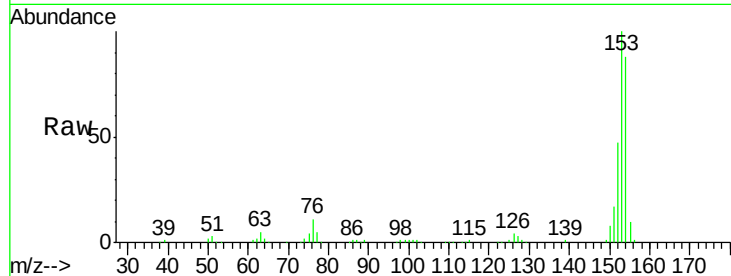
Tot Ion:154 Resp: 285915

Ion Ratio Lower Upper

154 100

153 114.0 91.4 137.2

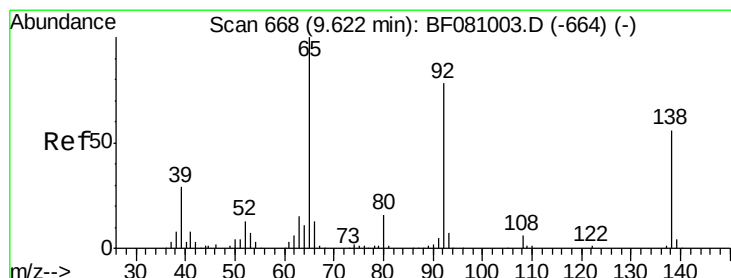
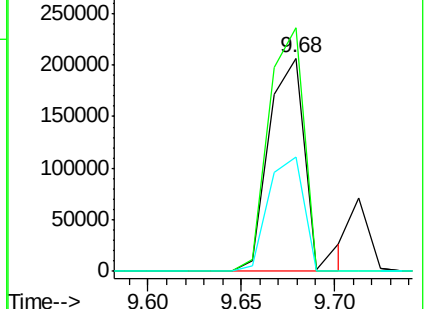
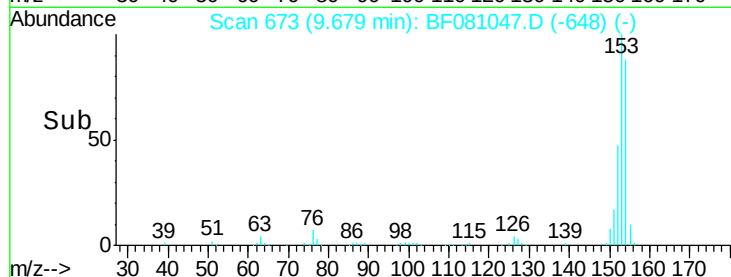
152 53.8 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.98 ng

RT: 9.60 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

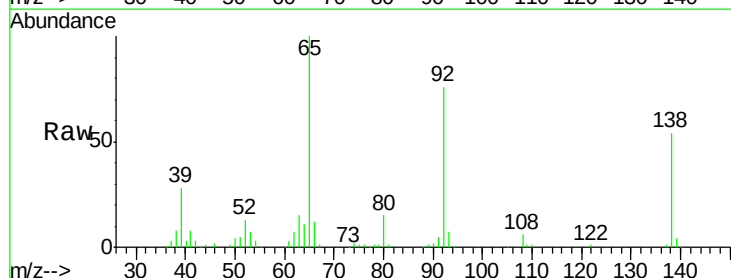
Tgt Ion:138 Resp: 56954

Ion Ratio Lower Upper

138 100

108 11.6 9.4 14.2

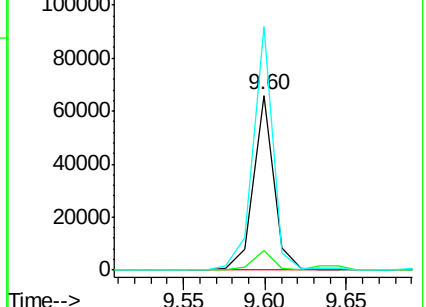
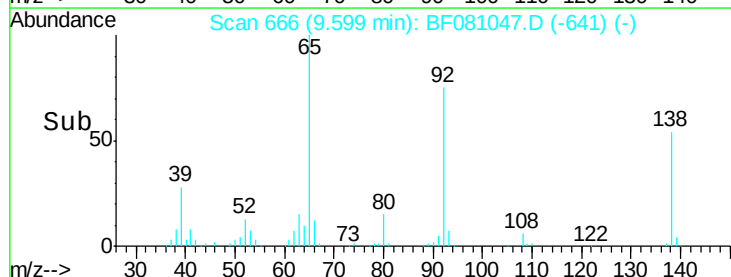
92 139.4 113.2 169.8

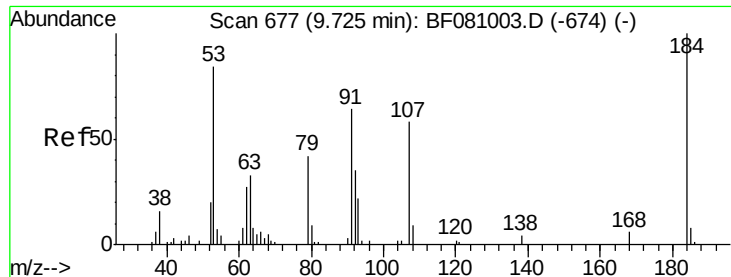


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

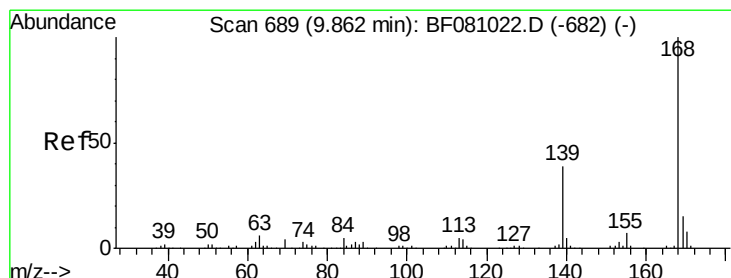
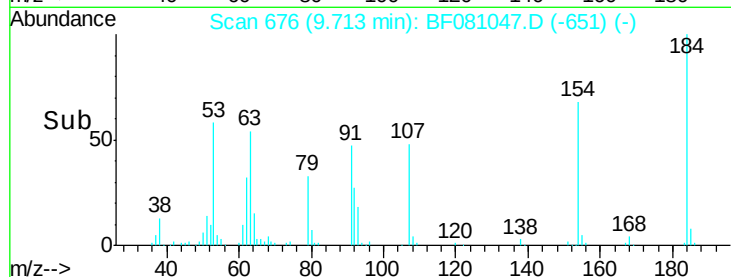
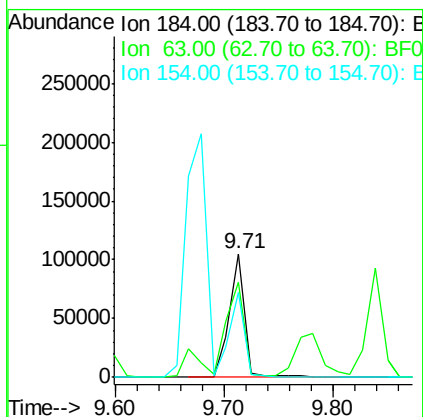
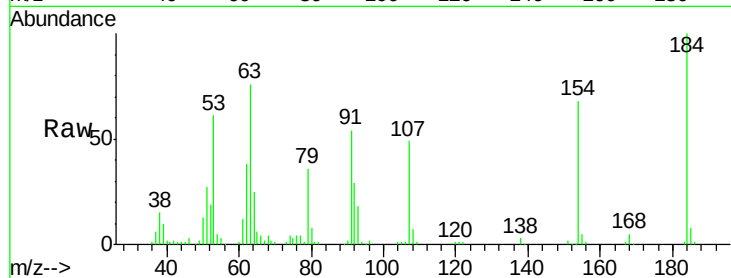




#53
 2,4-Dinitrophenol
 Concen: 93.31 ng
 RT: 9.71 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

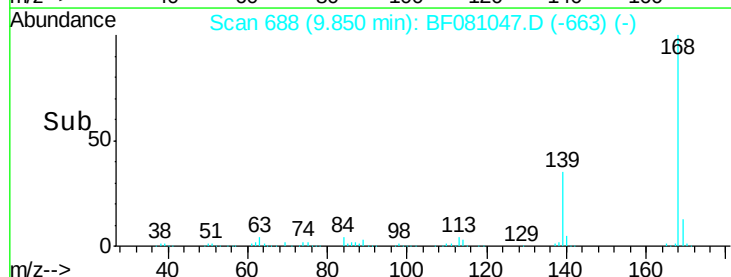
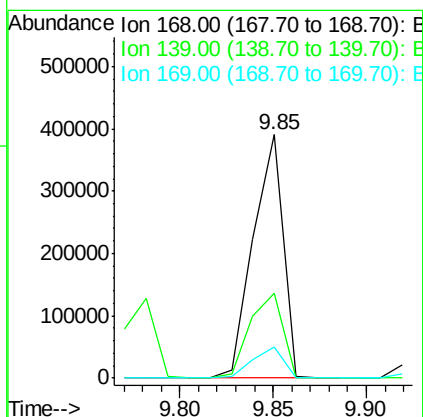
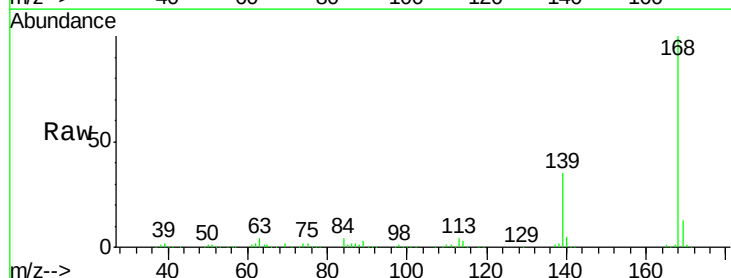
Instrument :
 BNA_F
 ClientSampled :

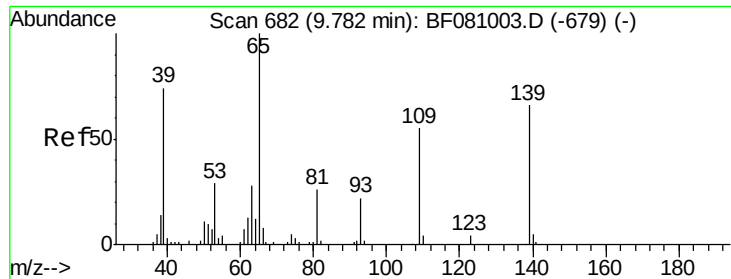
Tot Ion:184 Resp: 102736
 Ion Ratio Lower Upper
 184 100
 63 76.5 101.7 152.5#
 154 68.2 67.4 101.0



#54
 Dibenzofuran
 Concen: 39.57 ng
 RT: 9.85 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Tgt Ion:168 Resp: 431307
 Ion Ratio Lower Upper
 168 100
 139 34.9 29.3 43.9
 169 12.8 10.3 15.5





#55

4-Nitrophenol

Concen: 92.15 ng

RT: 9.78 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

ClientSampleId :

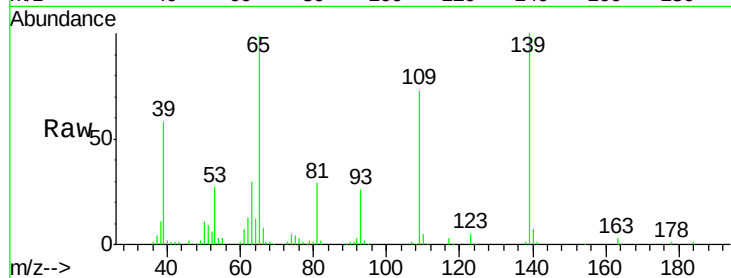
Tot Ion:139 Resp: 153708

Ion Ratio Lower Upper

139 100

109 72.7 80.0 120.0#

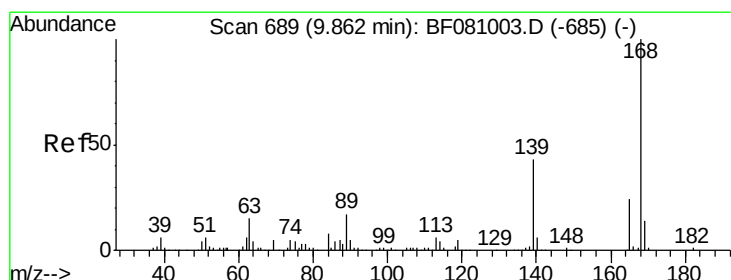
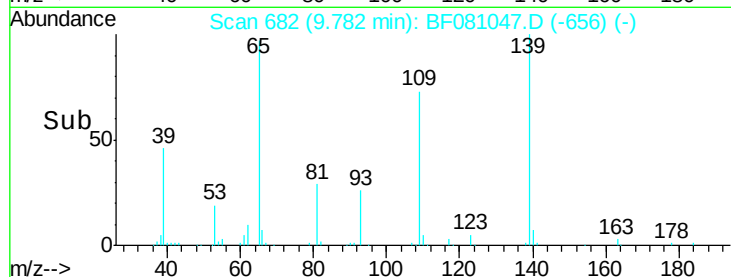
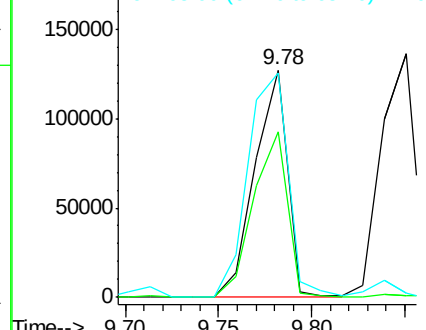
65 98.5 138.3 178.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 40.65 ng

RT: 9.84 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Tgt Ion:165 Resp: 102242

Ion Ratio Lower Upper

165 100

63 78.3 52.2 78.4

89 94.9 60.1 90.1#

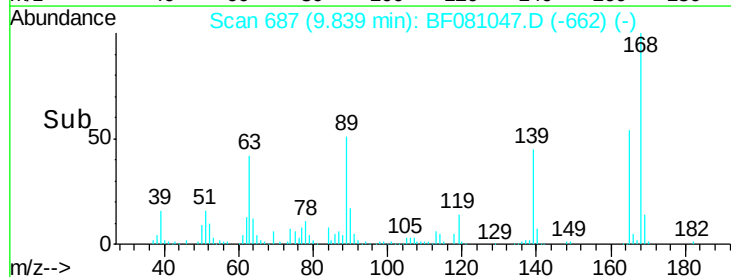
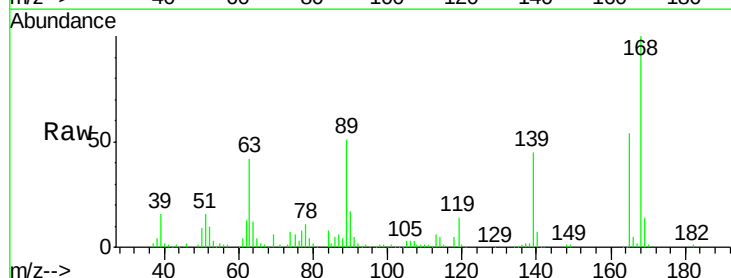
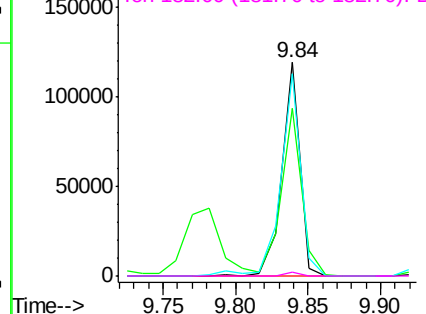
182 1.8 1.8 2.6

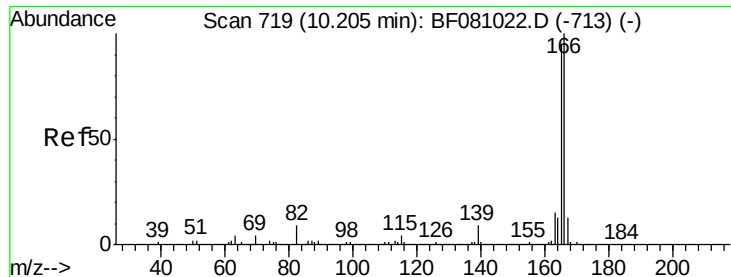
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 34.45 ng

RT: 10.18 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

ClientSampleId :

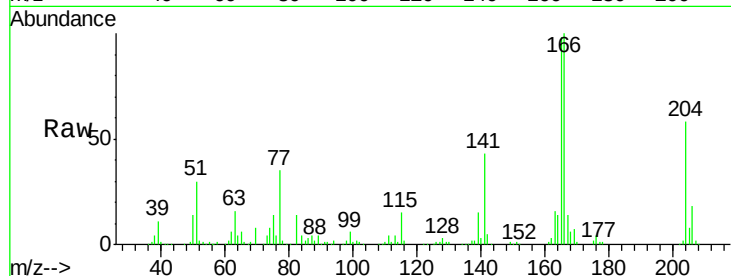
Tot Ion:166 Resp: 288827

Ion Ratio Lower Upper

166 100

165 97.6 75.8 113.8

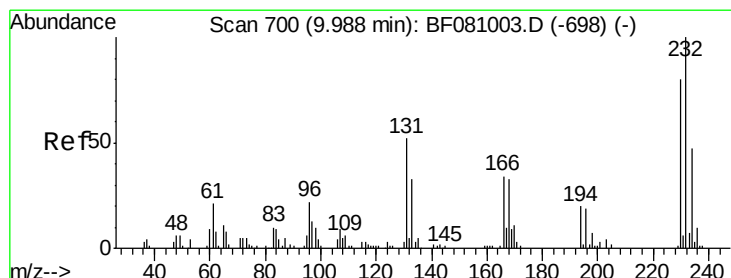
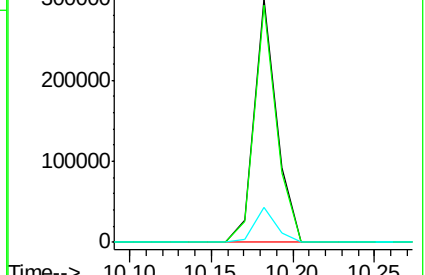
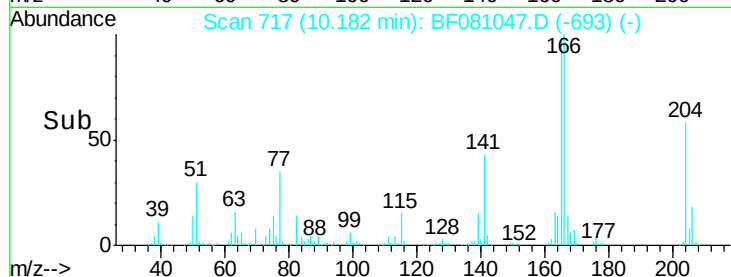
167 14.3 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.04 ng

RT: 9.92 min Scan# 694

Delta R.T. -0.07 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Tgt Ion:232 Resp: 77664

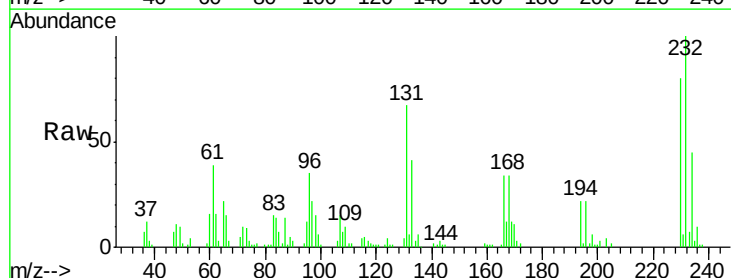
Ion Ratio Lower Upper

232 100

131 50.2 42.2 63.4

130 2.6 2.1 3.1

166 27.7 22.4 33.6

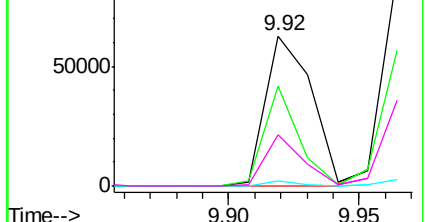
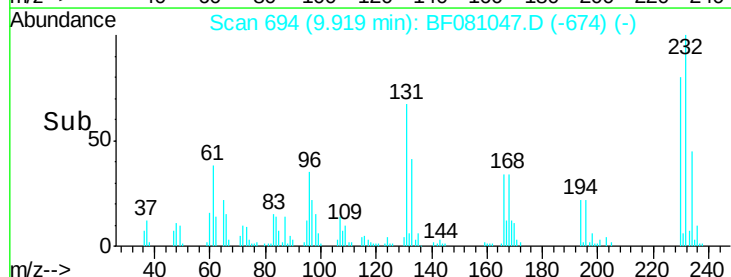


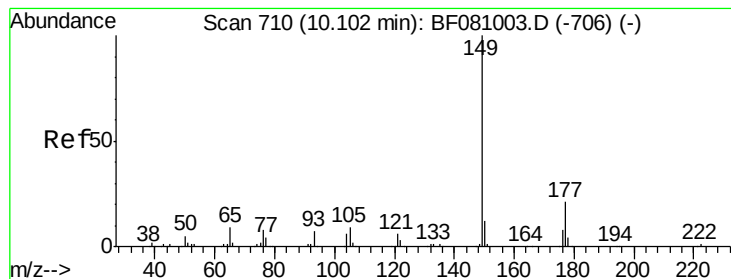
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.86 ng

RT: 10.08 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

ClientSampled :

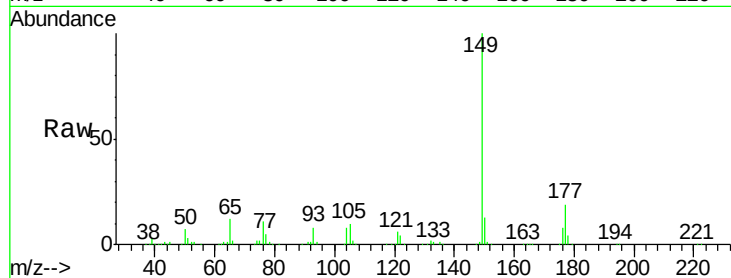
Tot Ion:149 Resp: 382285

Ion Ratio Lower Upper

149 100

177 19.4 14.1 21.1

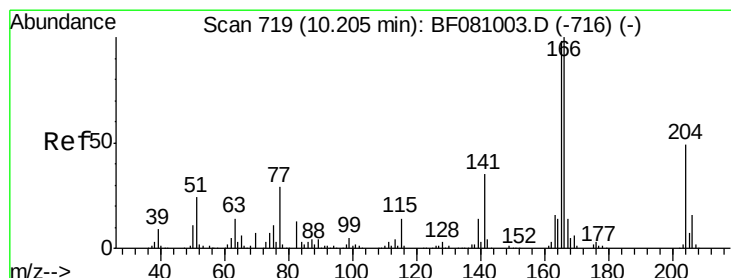
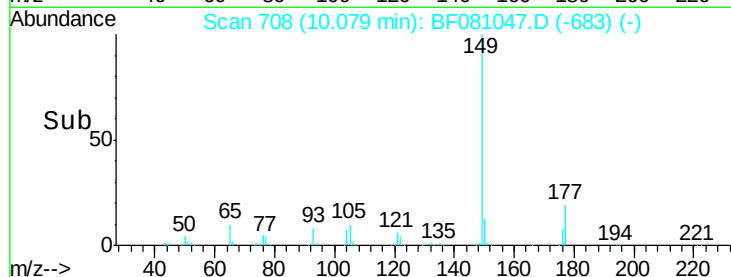
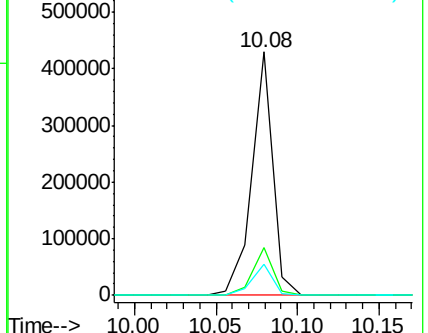
150 12.5 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.58 ng

RT: 10.18 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

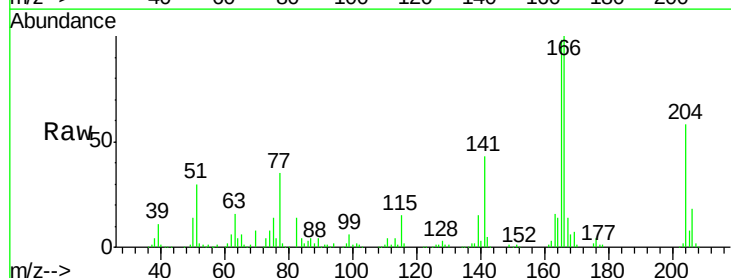
Tgt Ion:204 Resp: 140437

Ion Ratio Lower Upper

204 100

206 31.5 26.2 39.2

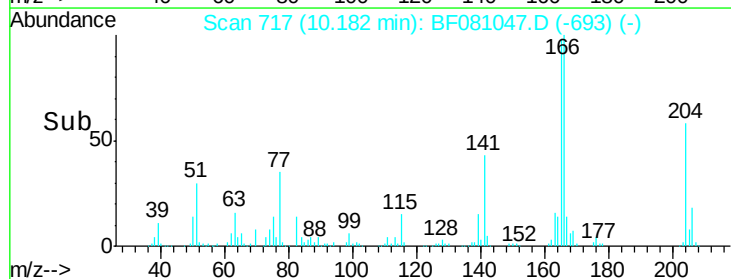
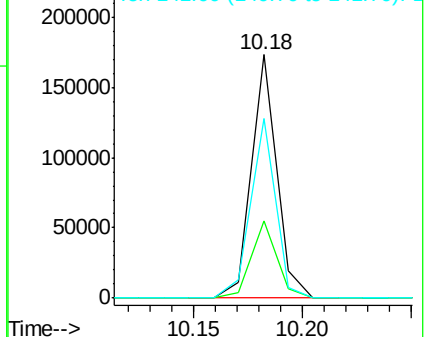
141 74.0 59.6 89.4

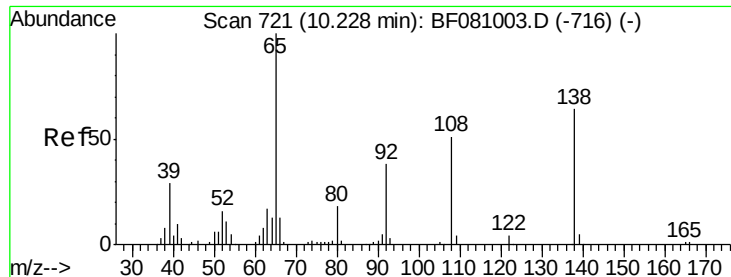


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.21 ng

RT: 10.22 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

ClientSampleId :

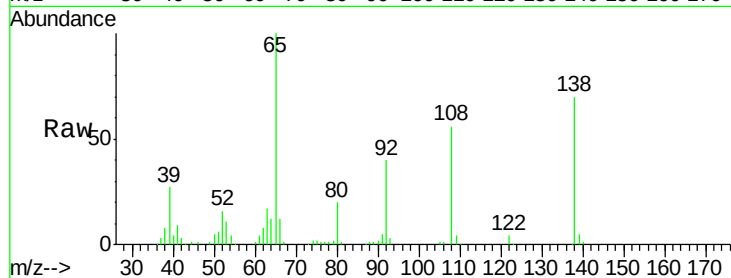
Tot Ion:138 Resp: 92748

Ion Ratio Lower Upper

138 100

92 56.8 34.7 74.7

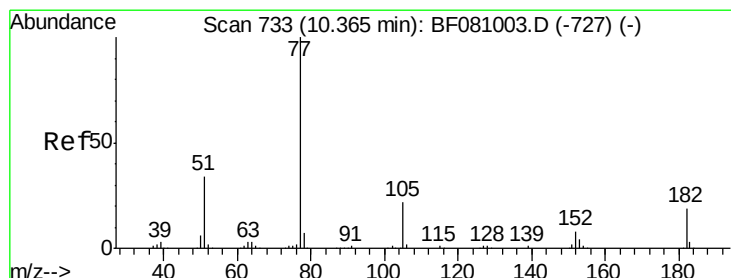
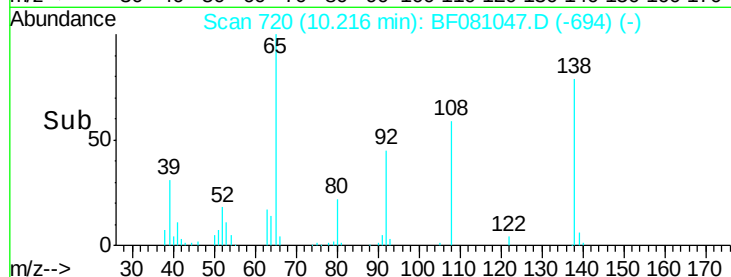
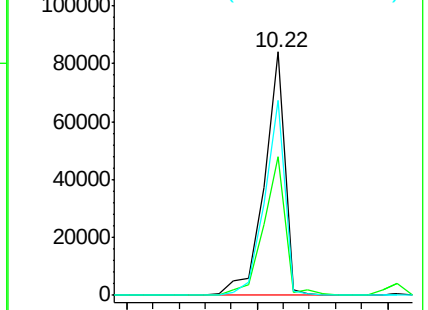
108 79.9 68.9 108.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.44 ng

RT: 10.34 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Tgt Ion: 77 Resp: 446740

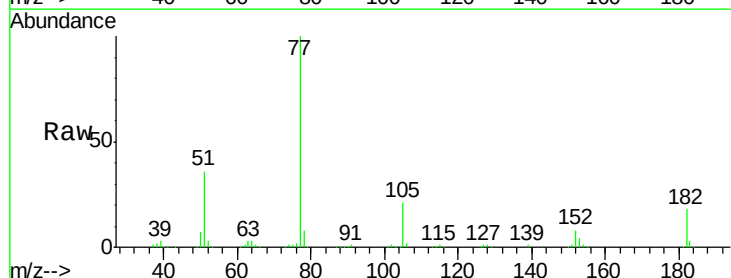
Ion Ratio Lower Upper

77 100

182 17.6 0.0 39.0

105 21.3 0.2 40.2

51 35.6 18.0 58.0

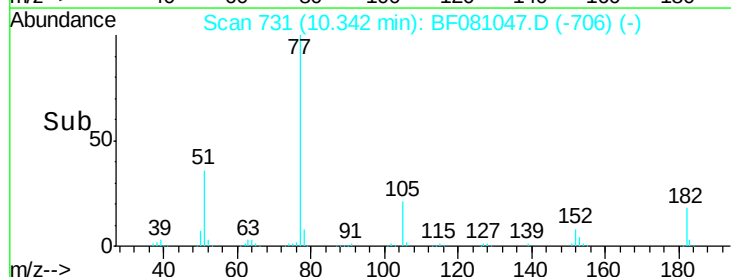
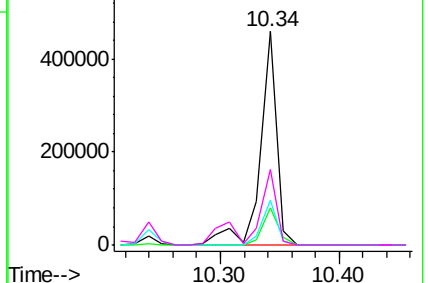


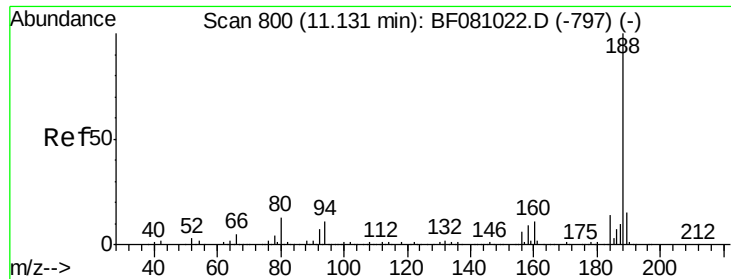
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

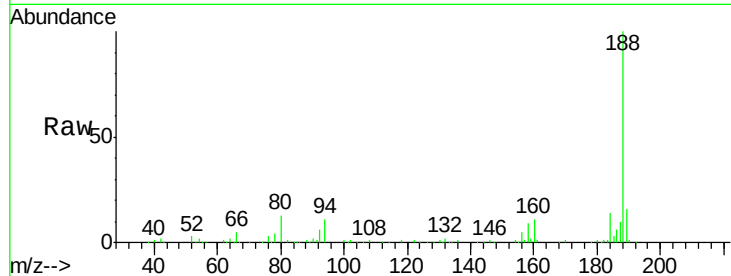




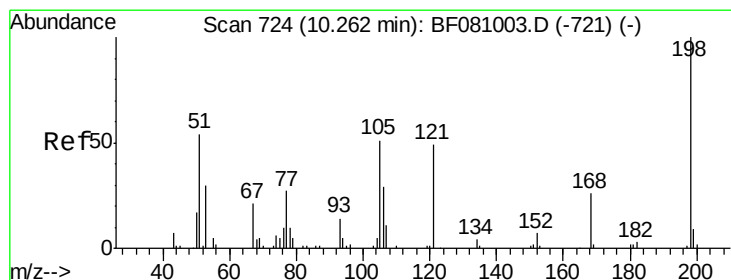
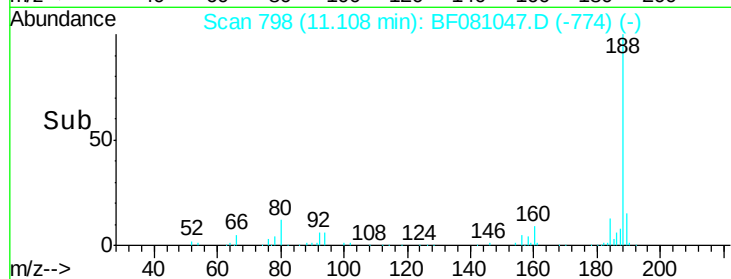
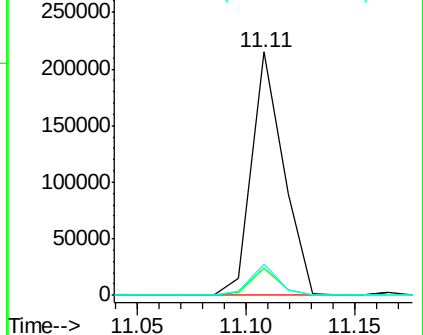
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 220114
Ion Ratio Lower Upper
188 100
94 11.1 8.2 12.2
80 12.8 9.5 14.3

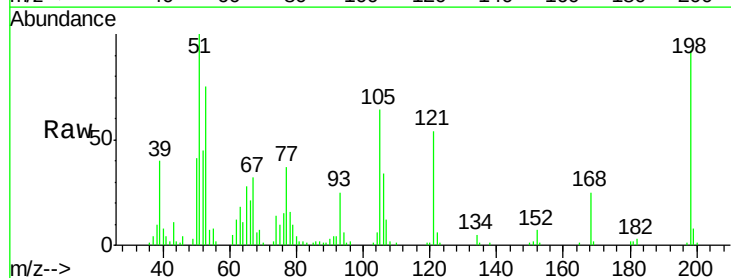


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

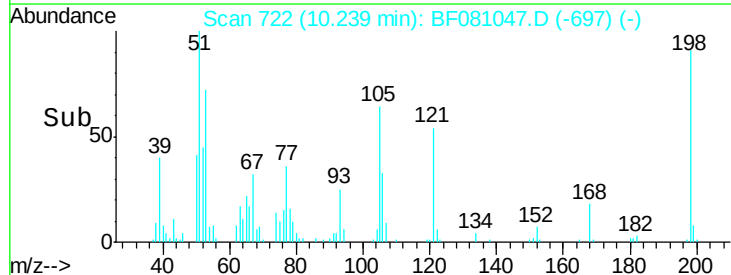
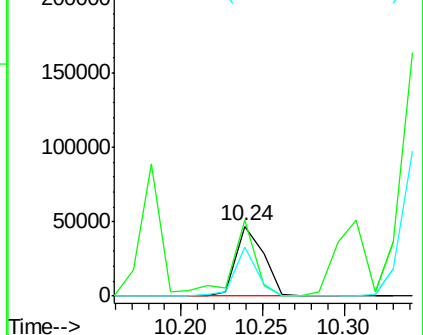


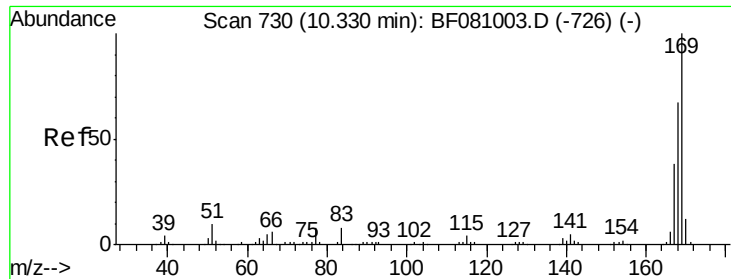
#64
4,6-Dinitro-2-methylphenol
Concen: 41.34 ng
RT: 10.24 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Tgt Ion:198 Resp: 54344
Ion Ratio Lower Upper
198 100
51 108.9 79.7 119.7
105 69.7 47.0 87.0



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

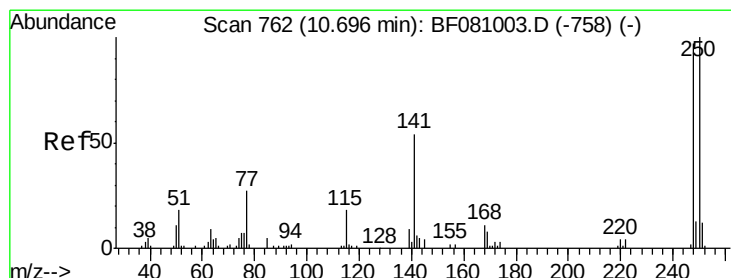
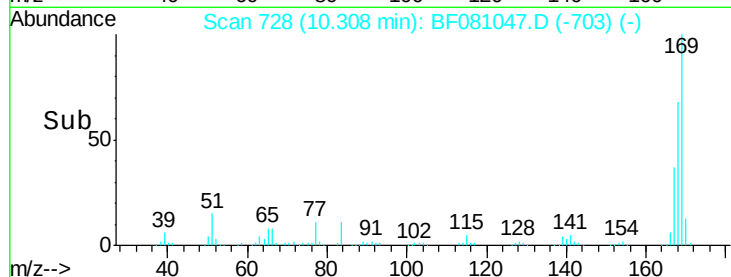
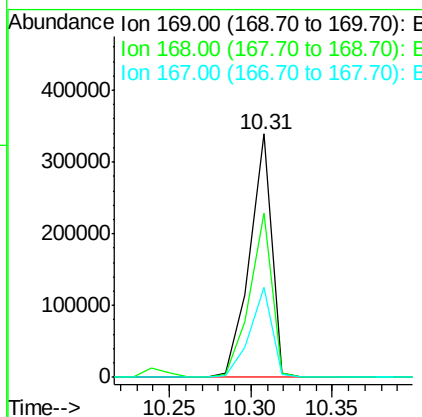
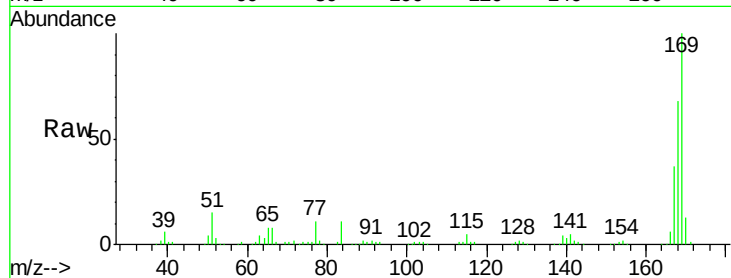




#65
 n-Nitrosodiphenylamine
 Concen: 40.71 ng
 RT: 10.31 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

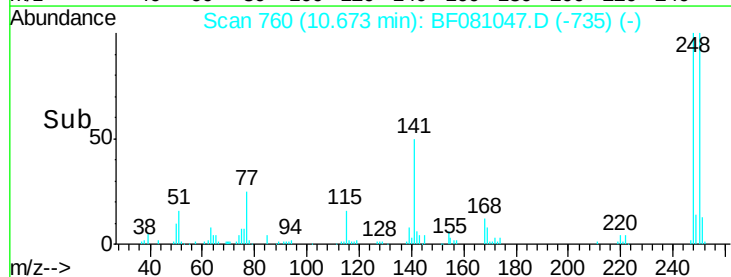
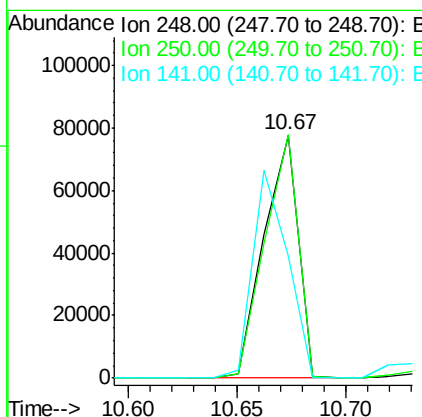
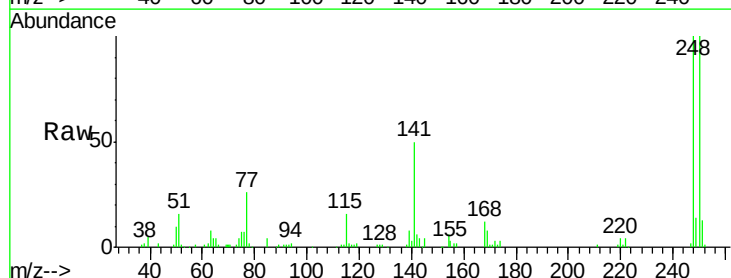
Instrument :
 BNA_F
 ClientSampled :

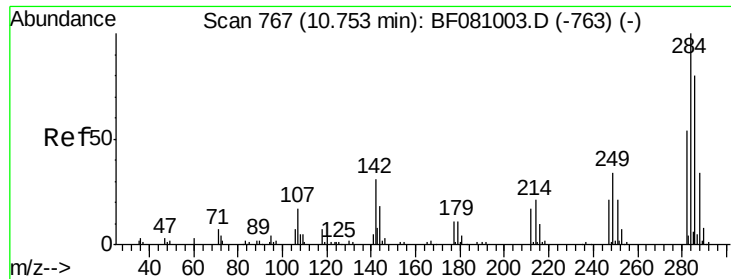
Tot Ion:169 Resp: 319897
 Ion Ratio Lower Upper
 169 100
 168 67.7 55.3 82.9
 167 37.0 30.8 46.2



#66
 4-Bromophenyl-phenylether
 Concen: 39.74 ng
 RT: 10.67 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Tgt Ion:248 Resp: 85942
 Ion Ratio Lower Upper
 248 100
 250 100.5 77.8 116.6
 141 50.2 39.8 59.6





#67

Hexachlorobenzene

Concen: 41.80 ng

RT: 10.73 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

ClientSampleId :

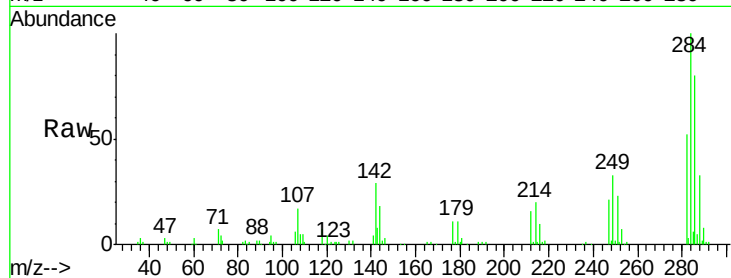
Tot Ion:284 Resp: 91529

Ion Ratio Lower Upper

284 100

142 29.5 25.4 38.0

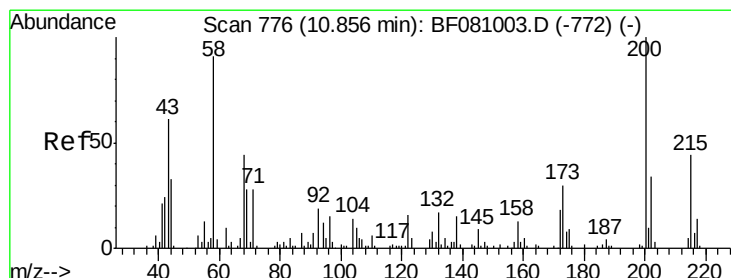
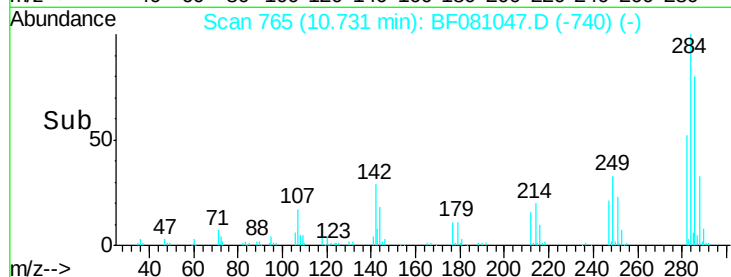
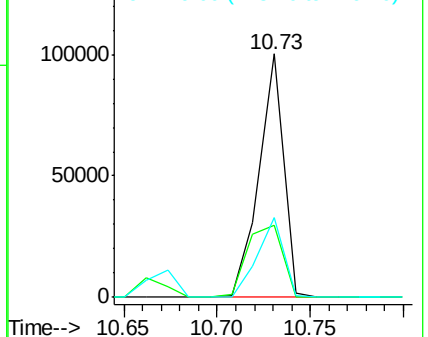
249 32.9 28.5 42.7



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.85 ng

RT: 10.83 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

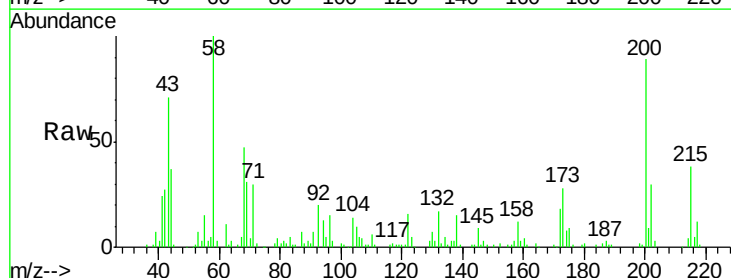
Tgt Ion:200 Resp: 93795

Ion Ratio Lower Upper

200 100

173 31.1 8.1 48.1

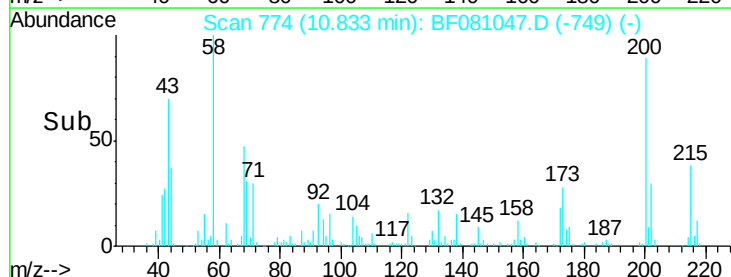
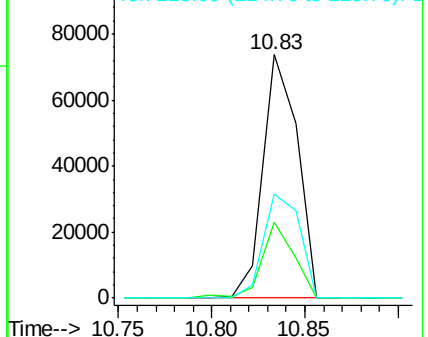
215 42.9 23.3 63.3

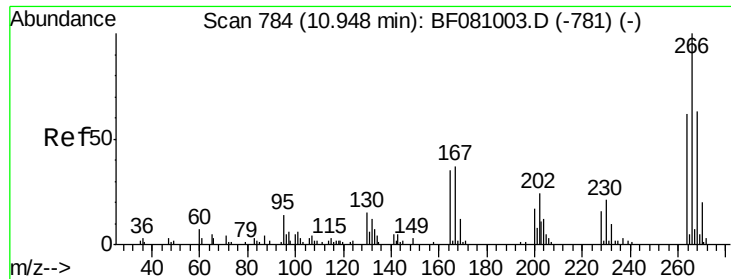


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

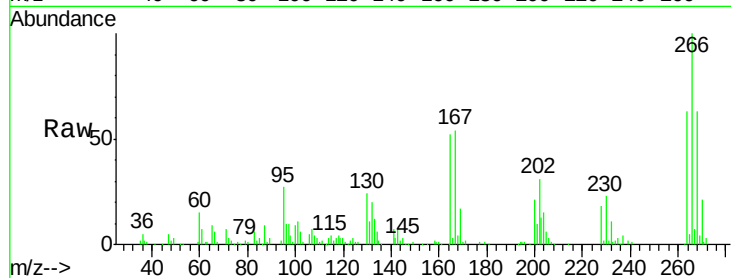




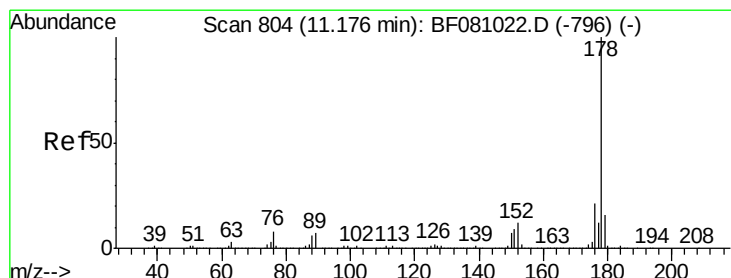
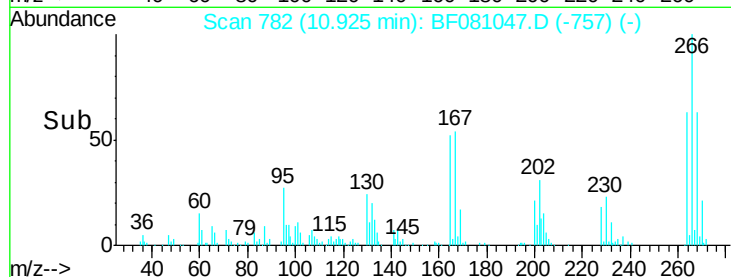
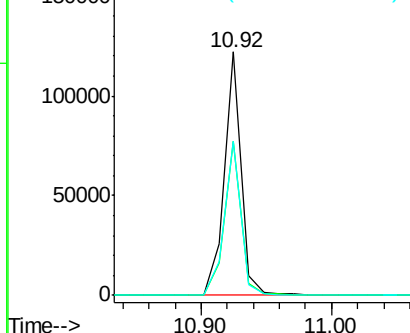
#69
 Pentachlorophenol
 Concen: 84.08 ng
 RT: 10.92 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 110481
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.2 76.8
 264 63.1 50.6 75.8

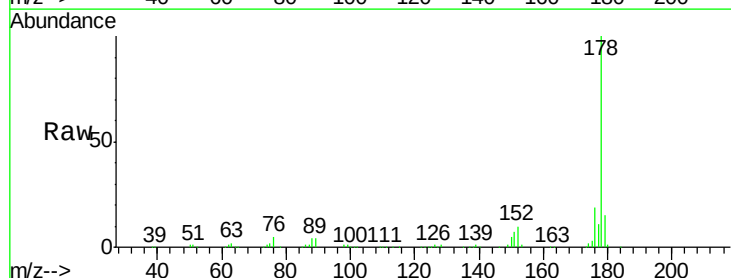


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

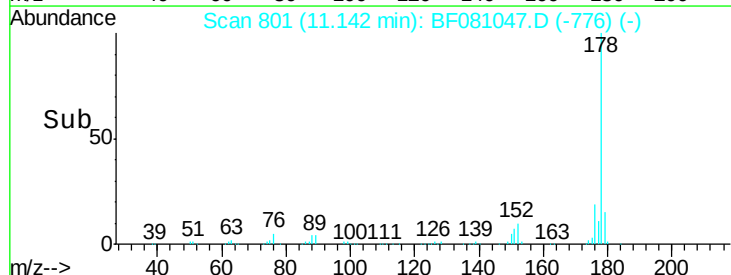
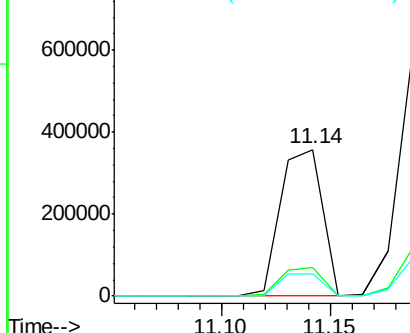


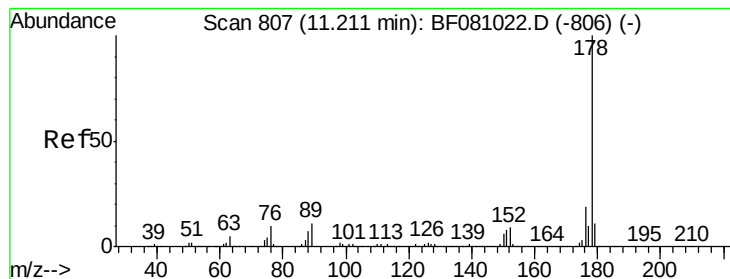
#70
 Phenanthrene
 Concen: 37.09 ng
 RT: 11.14 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Tgt Ion:178 Resp: 483816
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.7 23.5
 179 14.8 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 39.69 ng

RT: 11.19 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

ClientSampleId :

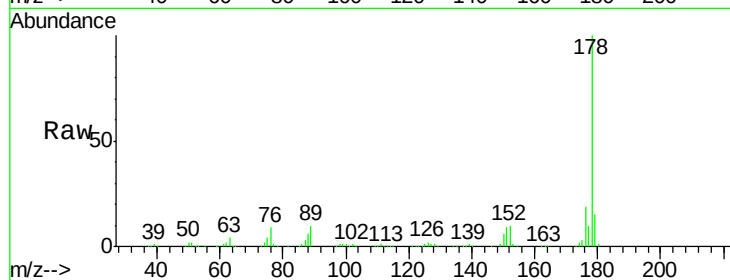
Tot Ion:178 Resp: 503809

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

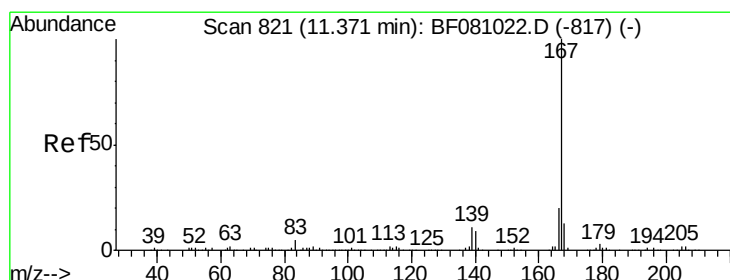
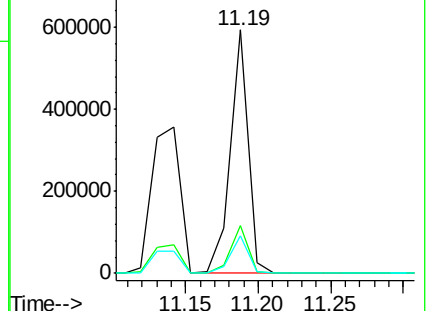
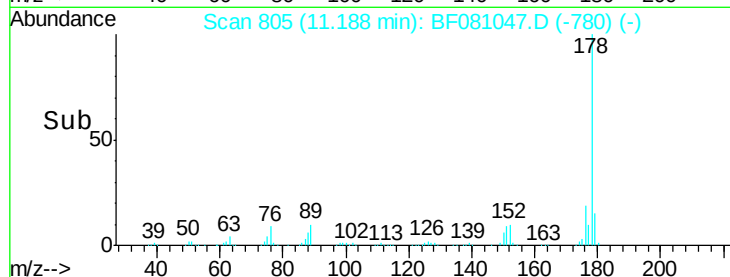
179 15.5 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 44.13 ng

RT: 11.35 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

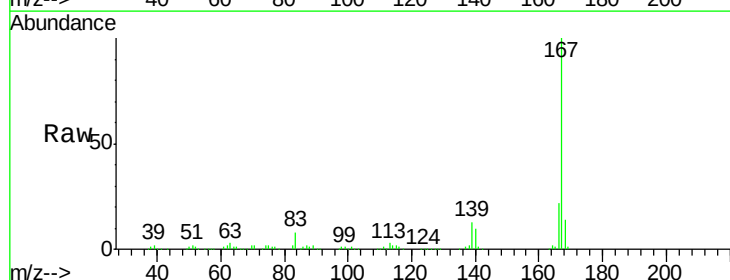
Tgt Ion:167 Resp: 539406

Ion Ratio Lower Upper

167 100

166 22.3 17.4 26.0

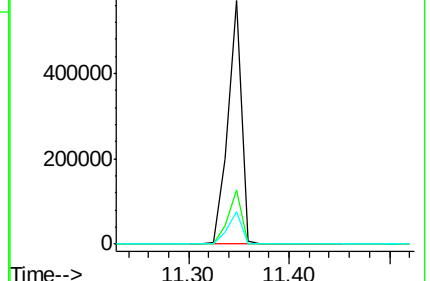
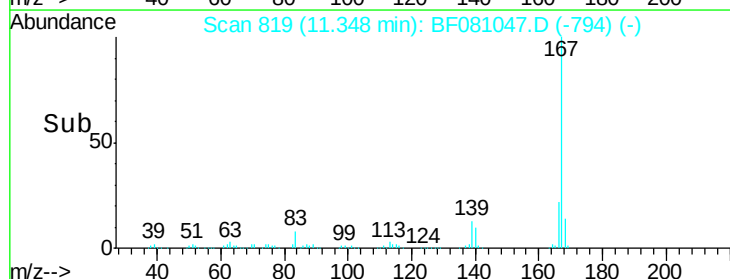
139 13.5 10.6 16.0

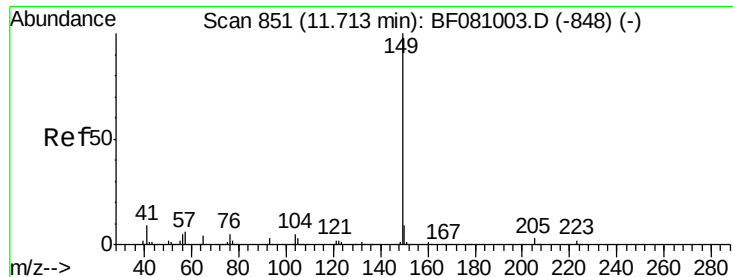


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.99 ng

RT: 11.69 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

ClientSampled :

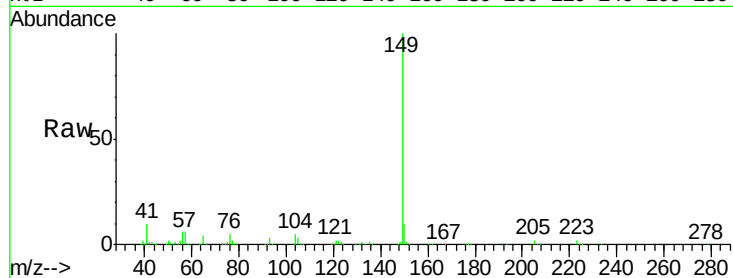
Tot Ion:149 Resp: 635704

Ion Ratio Lower Upper

149 100

150 9.6 7.1 10.7

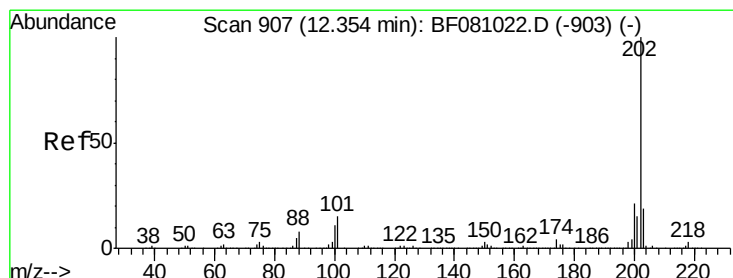
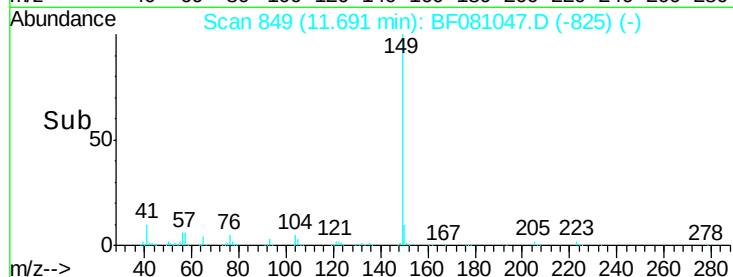
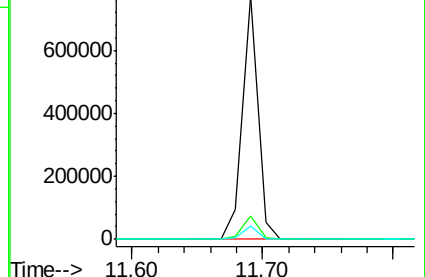
104 5.4 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.37 ng

RT: 12.31 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

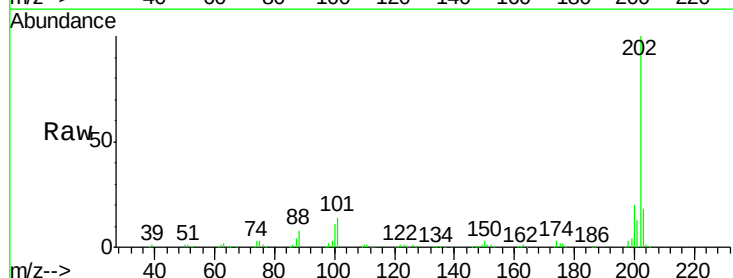
Tgt Ion:202 Resp: 568218

Ion Ratio Lower Upper

202 100

101 13.6 0.0 24.8

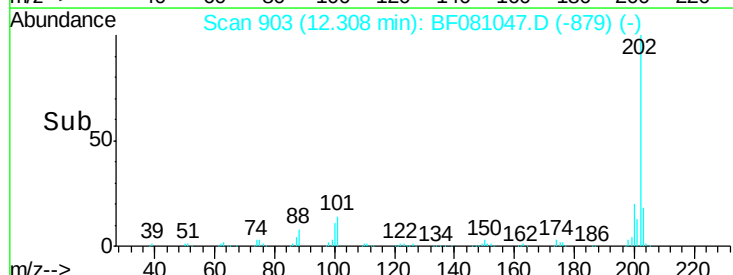
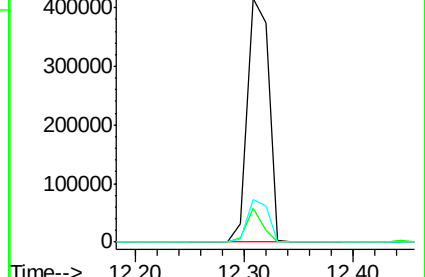
203 17.7 0.0 36.9

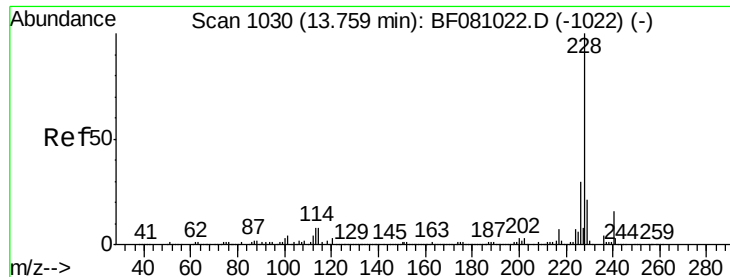


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.74 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

ClientSampleId :

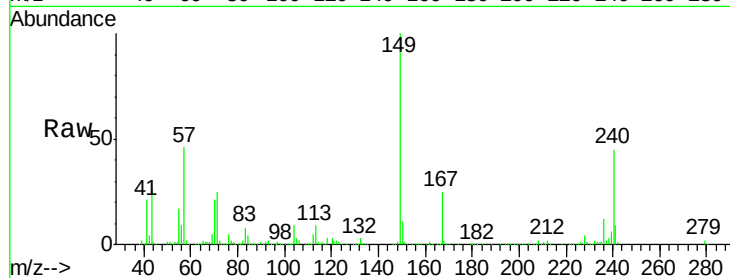
Tot Ion:240 Resp: 185923

Ion Ratio Lower Upper

240 100

120 6.8 5.6 8.4

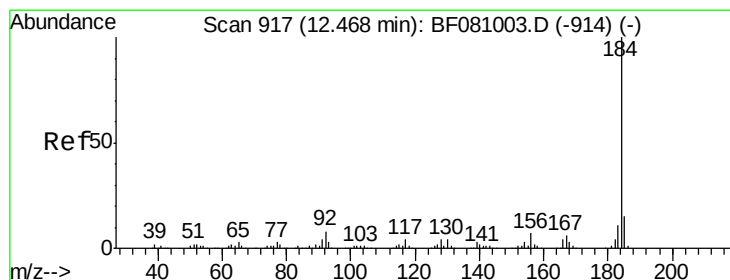
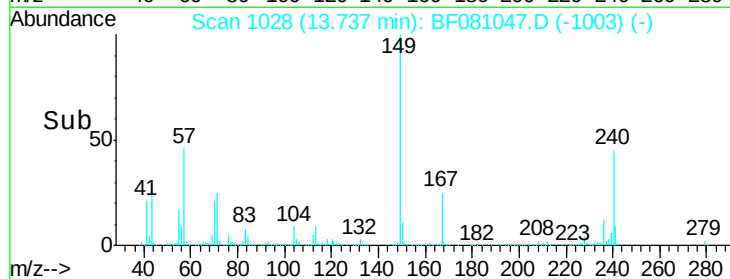
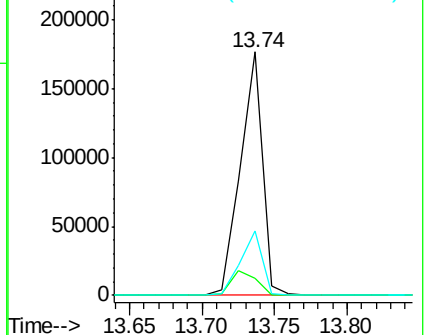
236 26.6 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 45.52 ng

RT: 12.45 min Scan# 915

Delta R.T. -0.02 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

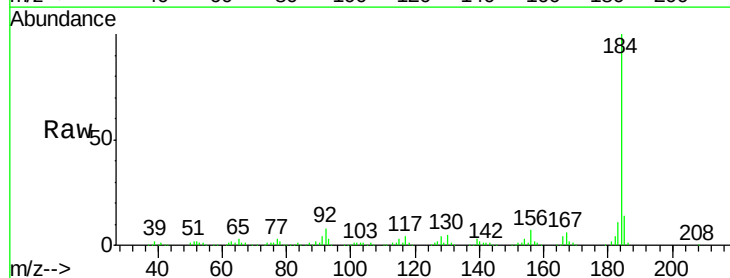
Tgt Ion:184 Resp: 319721

Ion Ratio Lower Upper

184 100

185 14.2 12.0 18.0

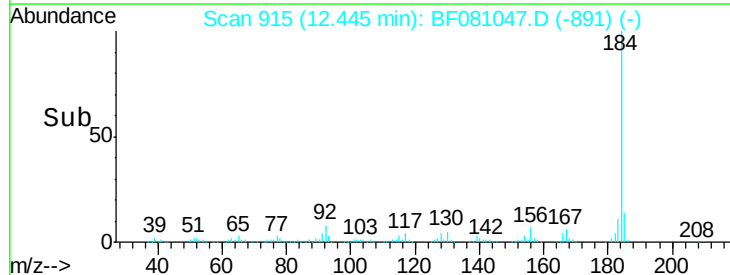
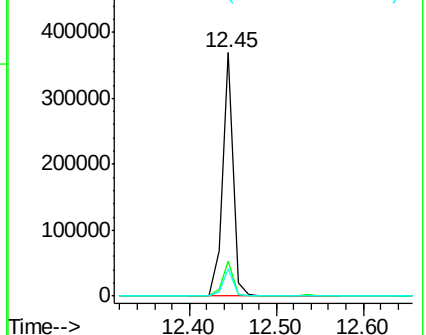
183 11.0 8.9 13.3

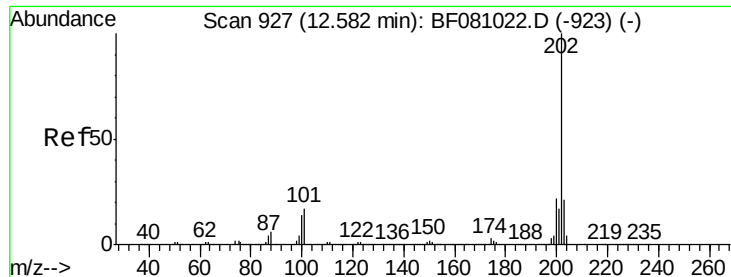


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 34.79 ng

RT: 12.54 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :
BNA_F
ClientSampleId :

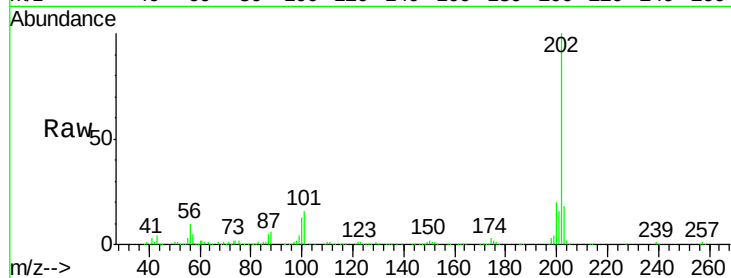
Tot Ion:202 Resp: 525829

Ion Ratio Lower Upper

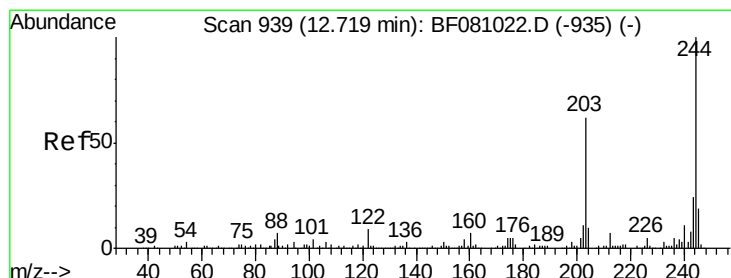
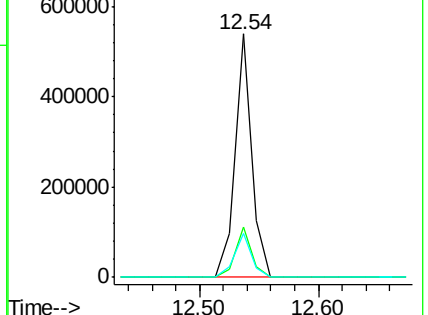
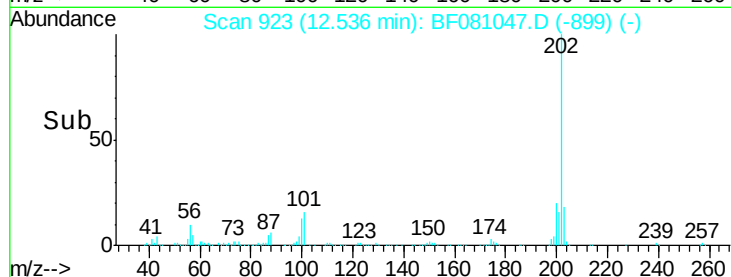
202 100

200 20.5 16.6 24.8

203 18.0 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 73.15 ng

RT: 12.70 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

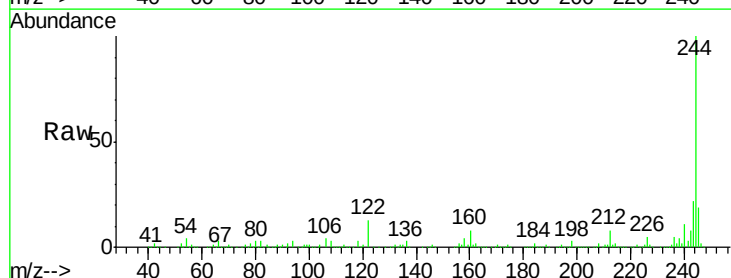
Tgt Ion:244 Resp: 634385

Ion Ratio Lower Upper

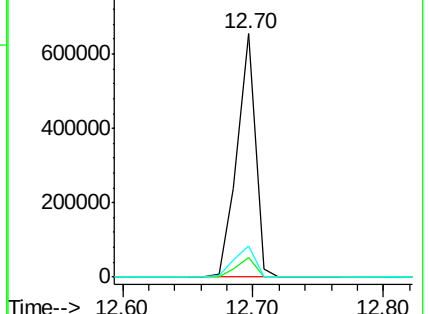
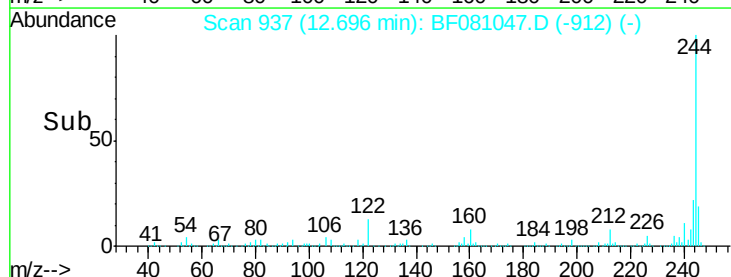
244 100

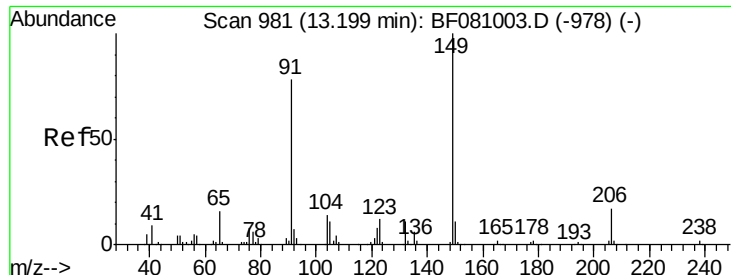
212 7.9 5.8 8.8

122 12.8 8.2 12.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

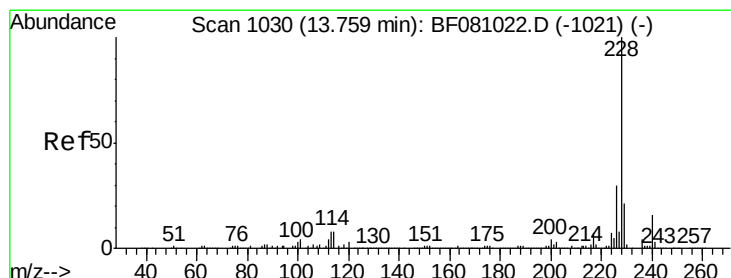
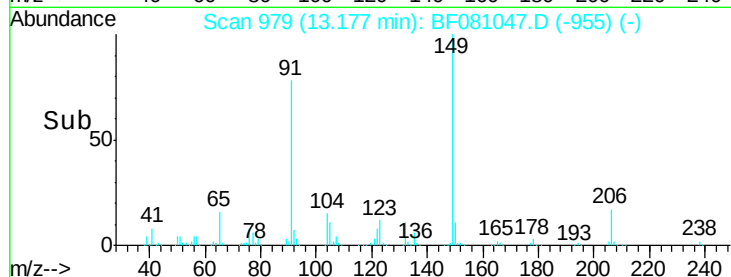
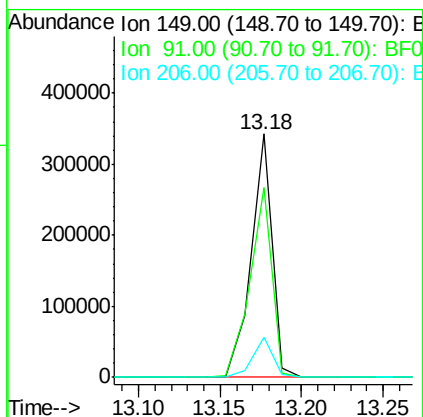
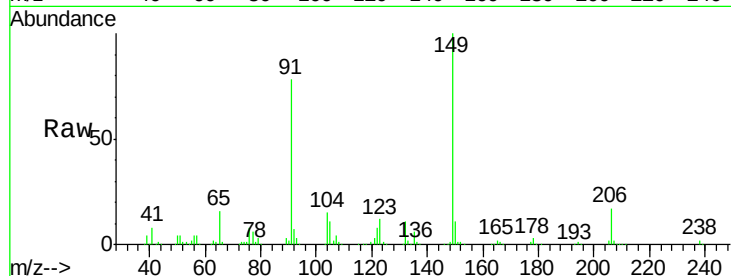




#79
Butylbenzylphthalate
Concen: 46.81 ng
RT: 13.18 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

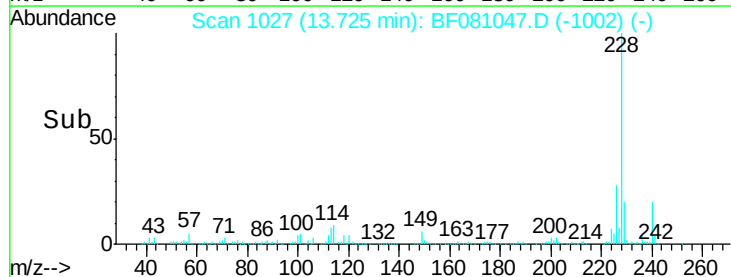
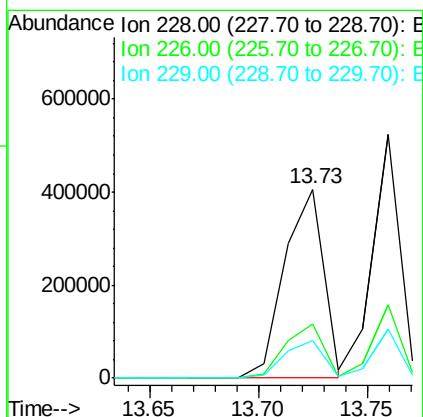
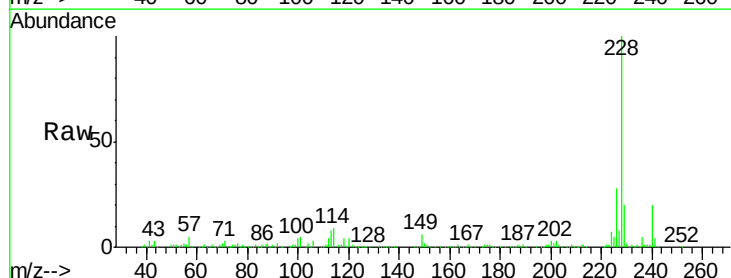
Instrument :
BNA_F
ClientSampleId :

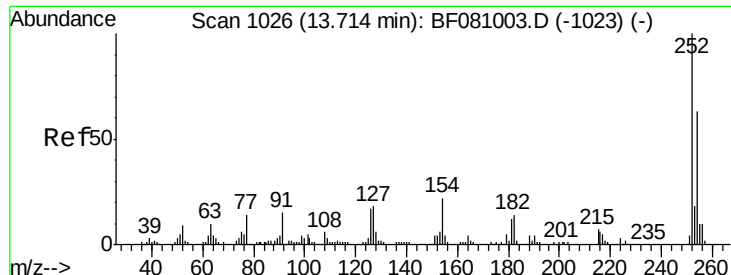
Tot Ion	Ratio	Lower	Upper
149	100		
91	77.8	46.9	70.3
206	16.6	17.0	25.4



#80
Benzo(a)anthracene
Concen: 41.01 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.3	33.5
229	19.8	15.9	23.9

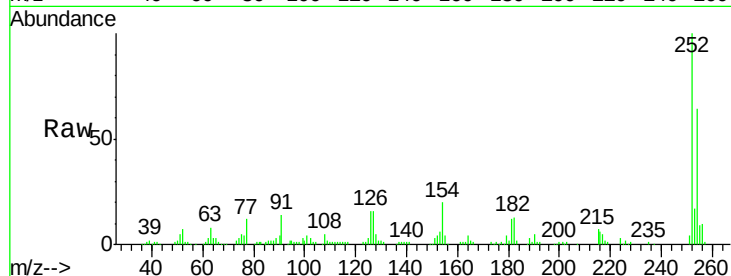




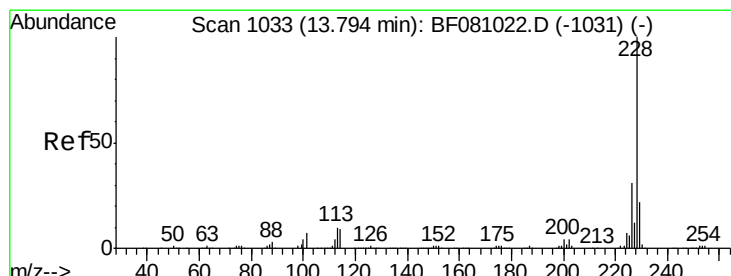
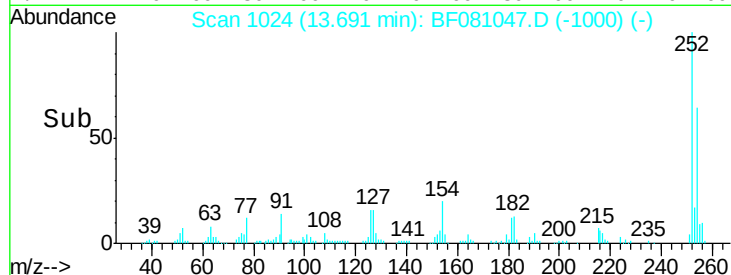
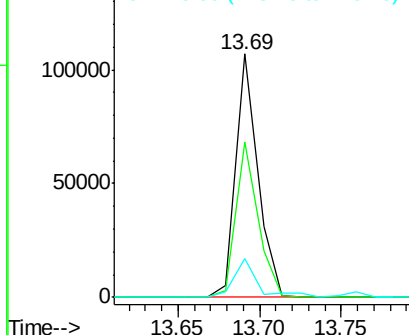
#81
 3,3'-Dichlorobenzidine
 Concen: 24.50 ng
 RT: 13.69 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.5	77.3
126	16.0	12.5	18.7

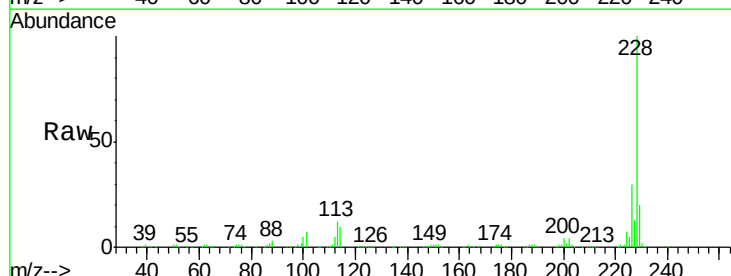


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

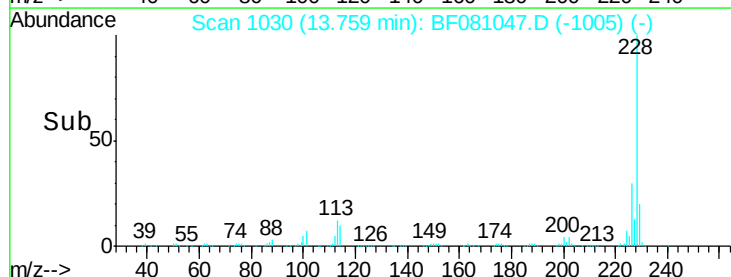
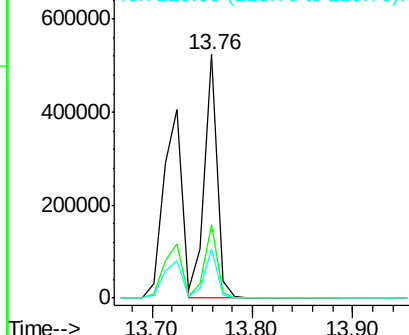


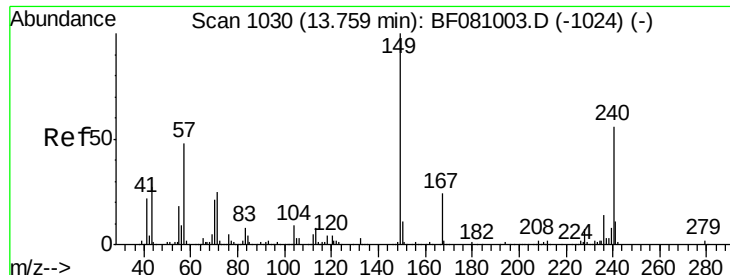
#82
 Chrysene
 Concen: 41.03 ng
 RT: 13.76 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.4	36.6
229	20.2	16.0	24.0



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.68 ng

RT: 13.74 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

ClientSampleId :

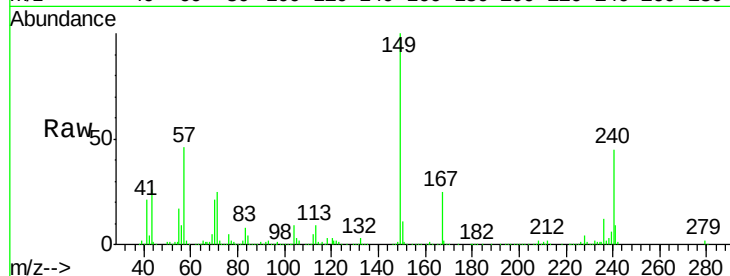
Tot Ion:149 Resp: 396808

Ion Ratio Lower Upper

149 100

167 24.6 20.7 31.1

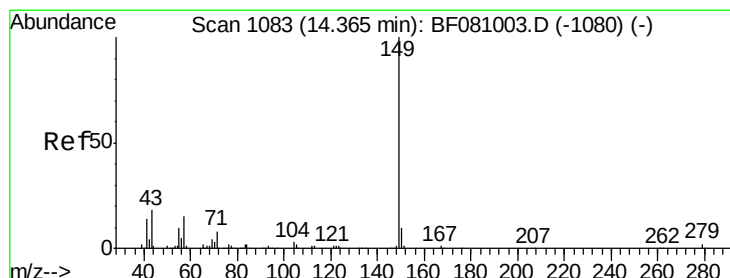
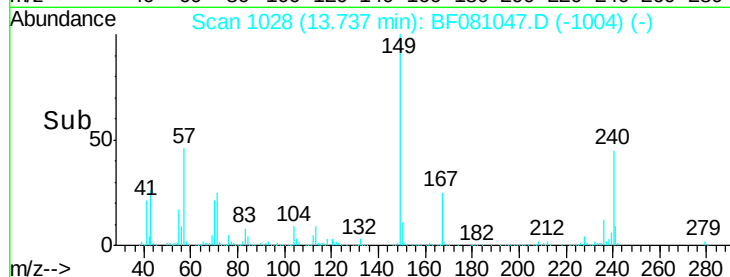
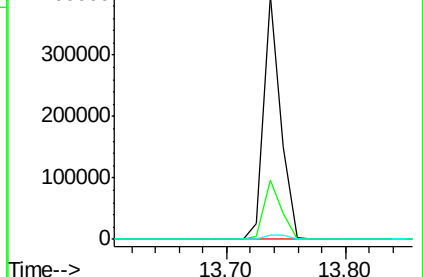
279 1.6 2.2 3.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 55.70 ng

RT: 14.34 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

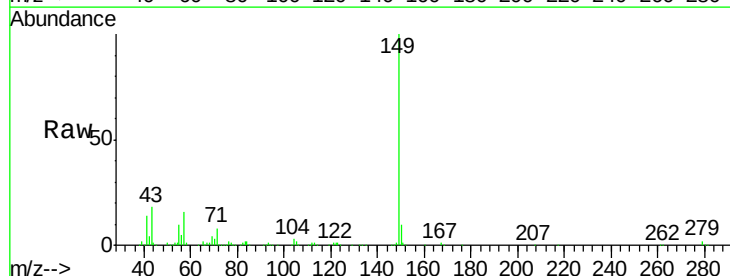
Tgt Ion:149 Resp: 704516

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

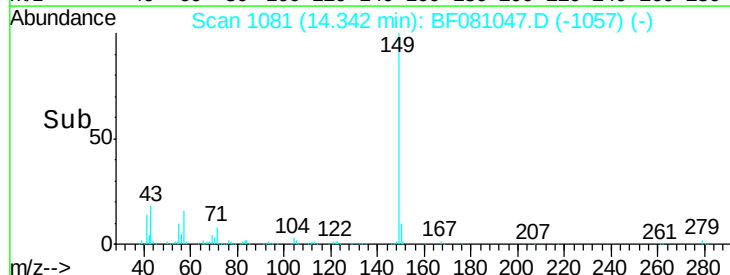
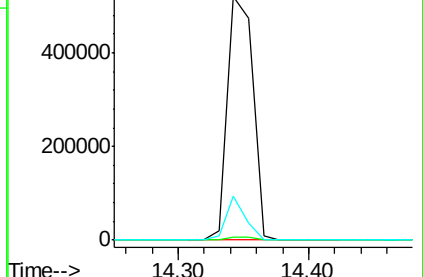
43 13.5 11.6 17.4

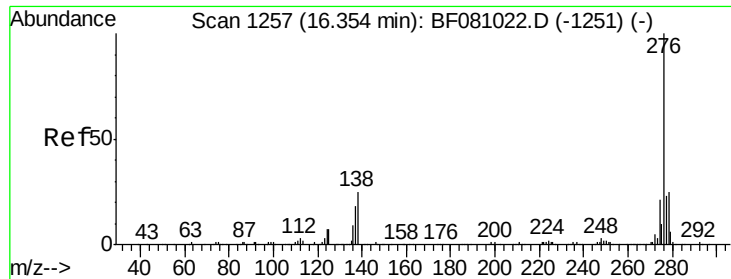


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

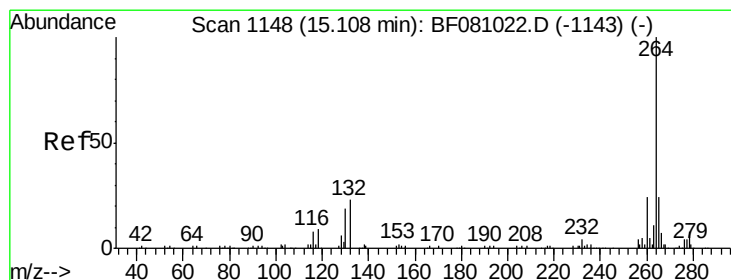
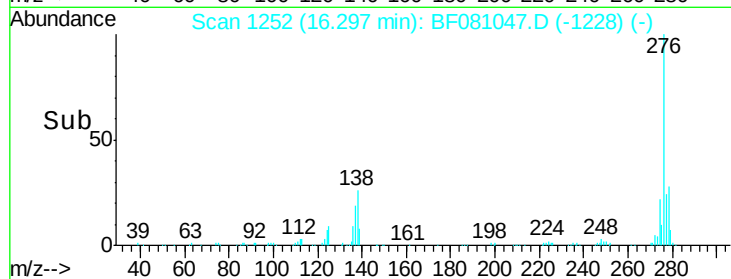
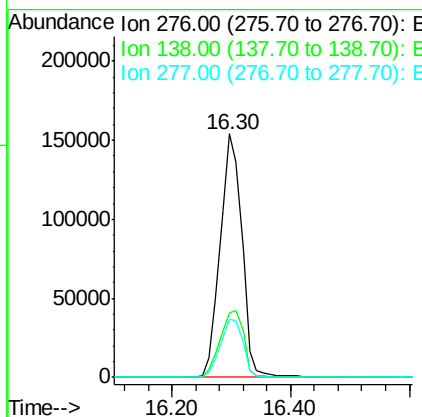
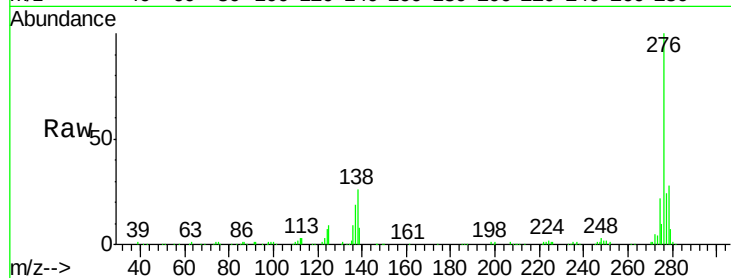




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.75 ng
 RT: 16.30 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

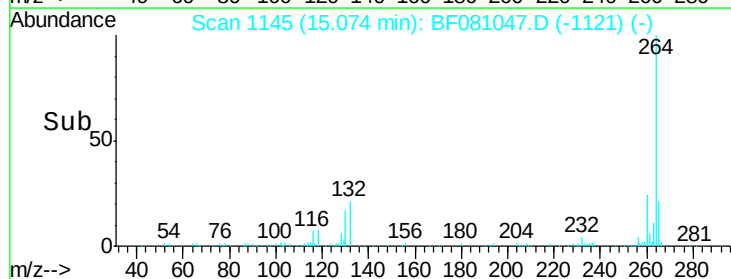
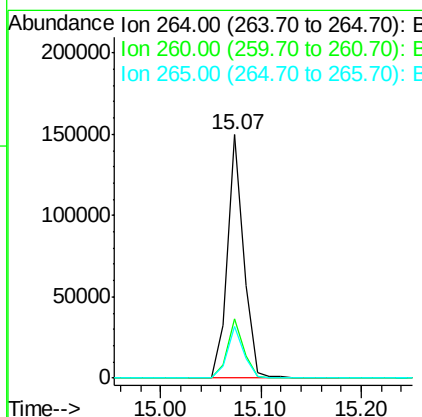
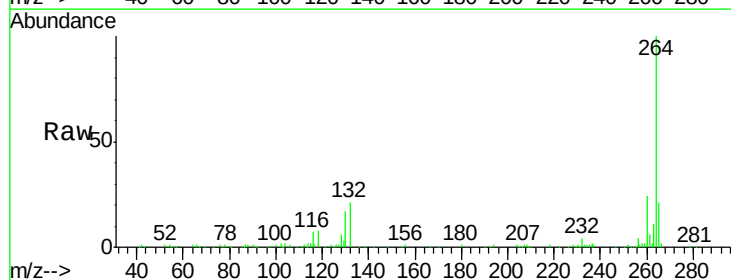
Instrument :
 BNA_F
 ClientSampleId :

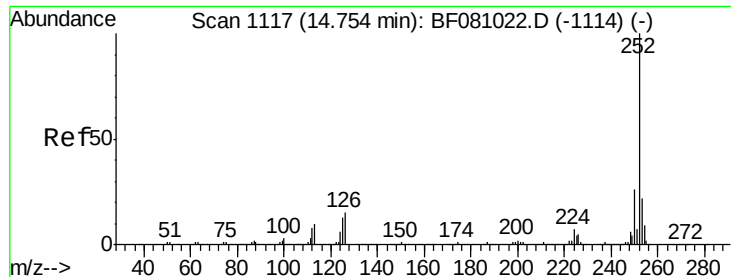
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.5	18.6	28.0#
277	24.8	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	21.4	17.5	26.3

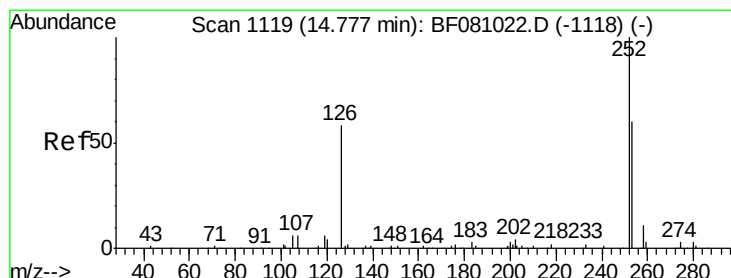
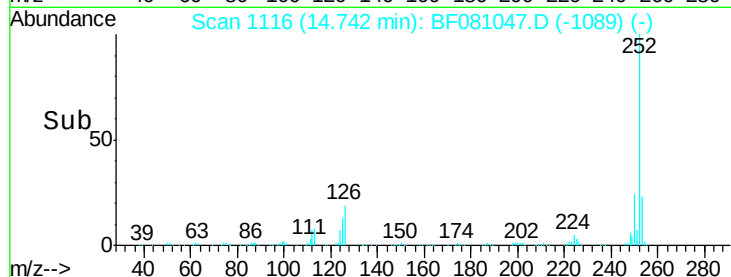
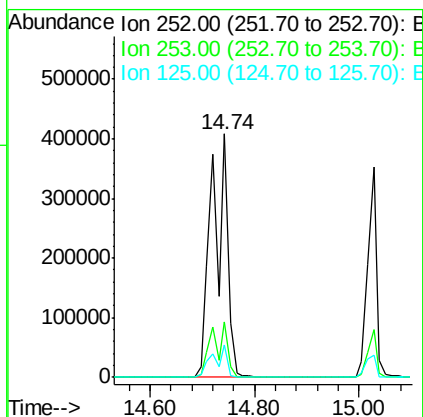
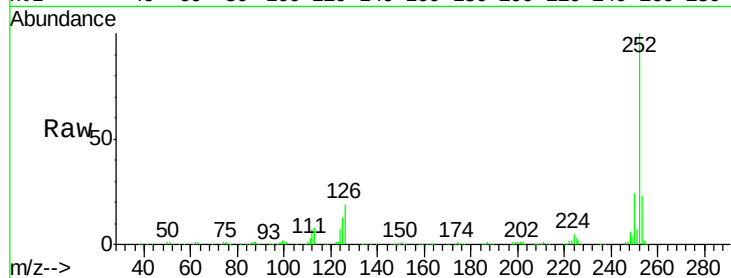




#87
Benzo(b)fluoranthene
Concen: 70.81 ng
RT: 14.74 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

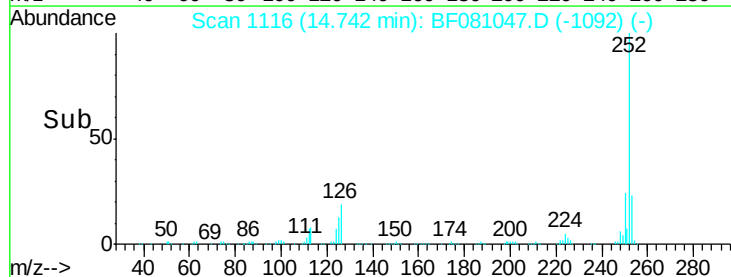
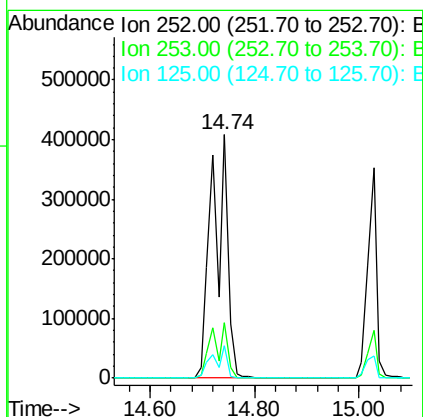
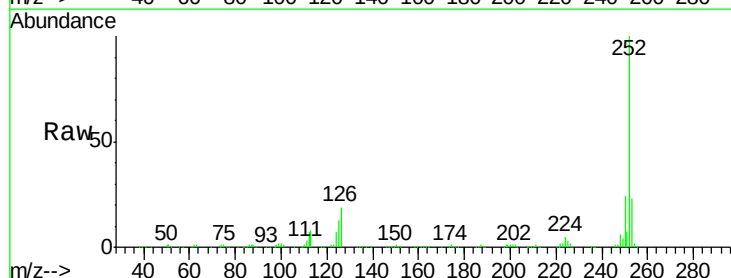
Instrument :
BNA_F
ClientSampled :

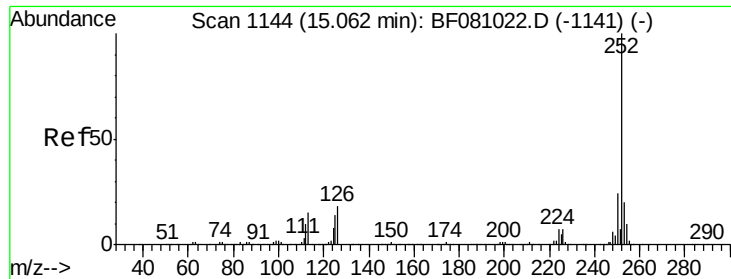
Tot Ion:252 Resp: 847228
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 13.2 8.0 12.0#



#88
Benzo(k)fluoranthene
Concen: 75.99 ng
RT: 14.74 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Tgt Ion:252 Resp: 847228
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 13.2 10.3 15.5

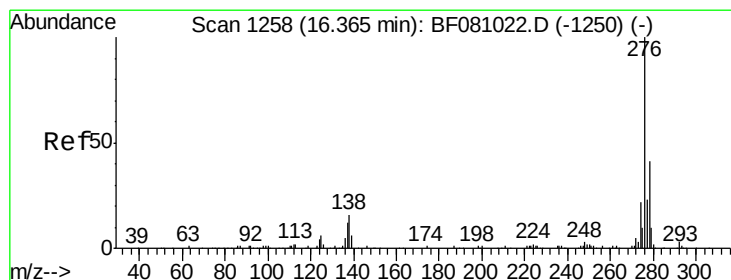
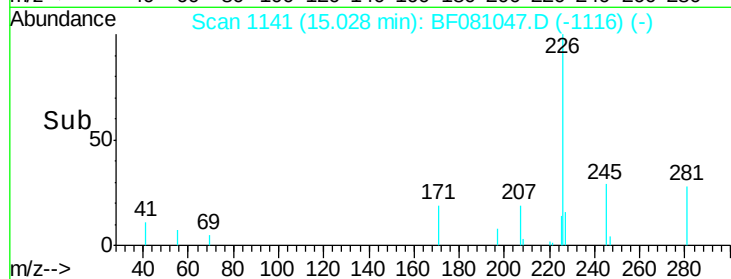
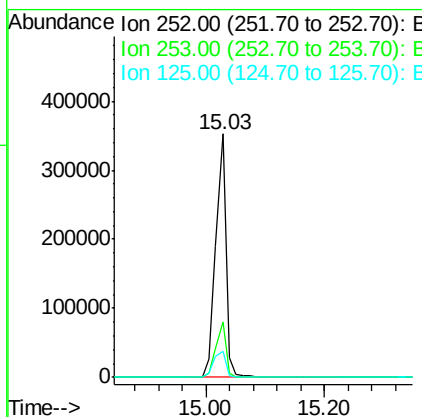
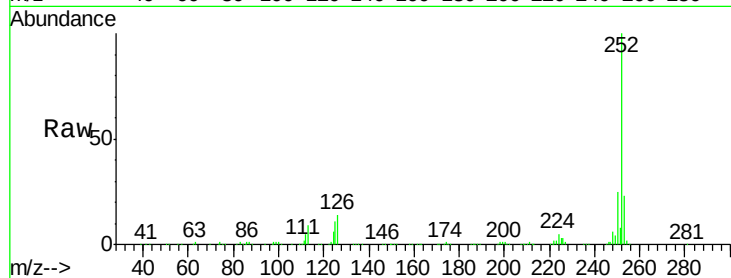




#89
Benzo(a)pyrene
Concen: 40.49 ng
RT: 15.03 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

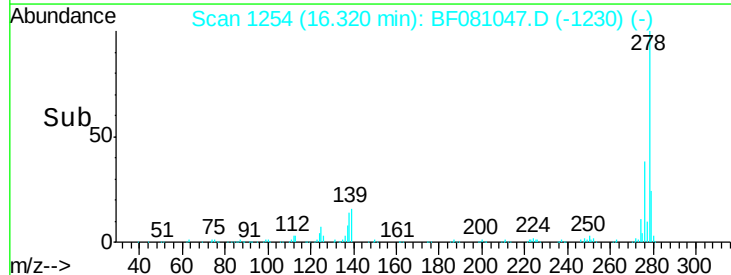
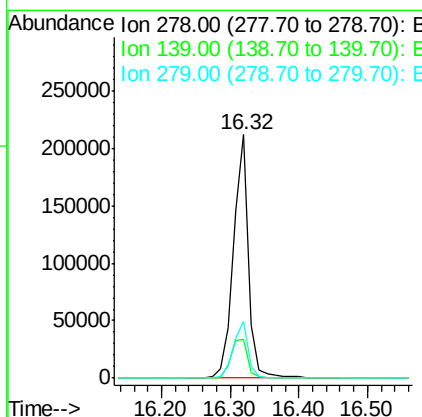
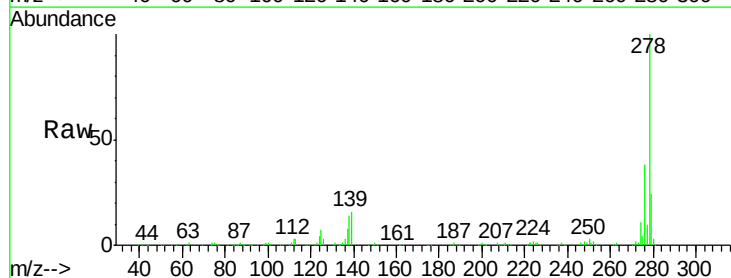
Instrument :
BNA_F
ClientSampleId :

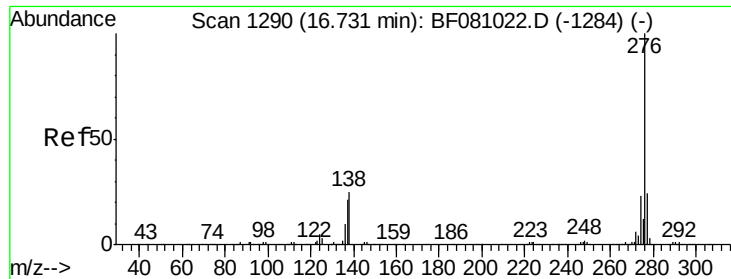
Tot Ion:252 Resp: 422083
Ion Ratio Lower Upper
252 100
253 22.6 16.6 25.0
125 10.6 7.8 11.8



#90
Dibenzo(a,h)anthracene
Concen: 40.35 ng
RT: 16.32 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Tgt Ion:278 Resp: 327811
Ion Ratio Lower Upper
278 100
139 16.1 10.8 16.2
279 23.5 19.0 28.6

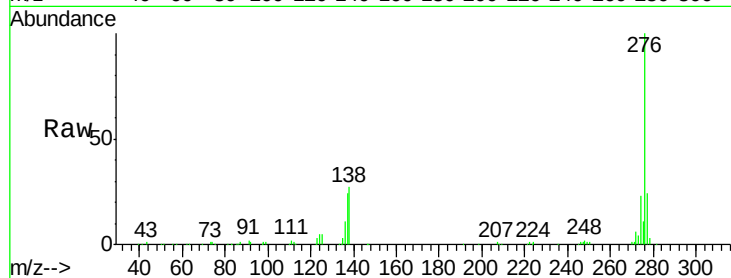




#91
 Benzo(a,h,i)perylene
 Concen: 38.01 ng
 RT: 16.66 min Scan# 1284
 Delta R.T. -0.02 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.2	27.2
138	27.1	13.7	20.5



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

